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REPORT

OF THE

MARYLAND

STATE DEPARTMENT

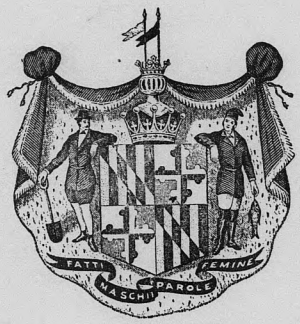
OF

FORESTRY

UNIVERSITY OF MARYLAND

FOR

1922 AND 1923



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TULIP POPLAR IN CECIL COUNTY.

A 32-year-old stand containing 25,000 board feet of lumber to the acre, and 10 cords of pulpwood out of tops and small trees.

INTRODUCTION

The Maryland State Board of Forestry, which had conducted the forestry work of the State since it was first organized in 1906, was abolished on January 1, 1923, under the Reorganization Act, and forestry was placed as a State Department of Forestry under the University of Maryland. This report, therefore, covers the work of the Maryland Board of Forestry from October 1, 1921, to December 31, 1922, and of the State Department of Forestry, University of Maryland, from January 1, 1923, to September 30, 1923. As now conducted, the Department of Forestry is responsible to the Board of Regents of the University, but acts by direction of an Advisory Board of Forestry, as listed on the title page of this publication, under appointment from the Governor.

The interest in forestry has shown a substantial gain during the past two years, as evidenced by the larger number of private land owners who have put forestry in practice on their own land and those who are interested in reforestation. Since practically all of the forest lands of the State are in private ownership, the practice of forestry will proceed only as fast as these owners are convinced that the care and protection of their lands, for the purpose of growing timber, is a sound economic policy.

The educational work of the Department, supplemented and backed up by the real assistance offered to woodland owners throughout the State in meeting and solving their forestry problems, must, under the very nature of things, be the means of reaching the private owners. By means of illustrated lectures by the Forester and his staff of assistants; by publications in the form of leaflets and bulletins; by demonstrations and personal service showing forest owners on their own lands how to improve their woodlands and derive higher, permanent, revenues therefrom; real constructive progress has been made.

While forest fires—that dread enemy of the forest—have been considerably abated under the present forest protection system, they still continue to be a most serious problem and are responsible, more than anything else, for the depletion and low productiveness

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While forest fires—that dread enemy of the forest—have been considerably abated under the present forest protection system, they still continue to be a most serious problem and are responsible, more than anything else, for the depletion and low productiveness

of our woodlands. For the amount of money expended by the State for forest protection, remarkably good results have been obtained, but the funds available are far from sufficient to provide adequate forest protection.

The six small areas of State forests, comprising less than 5,000 acres, have greatly increased in value as timber producing areas since acquired by the State, and in addition have offered outdoor recreation, under the most healthful and congenial surroundings, to thousands of campers and other users of the State Forests. State forests are the very backbone of State forestry and their further acquisition is of the greatest importance in helping to conserve private timber supply for future need, to meet a threatened timber shortage, and at the same time to furnish recreation areas and protect the watersheds of our important streams.

The use of idle lands and the reclamation of waste lands amounting to some 350,000 acres in the State, is a problem, the solution of which rests largely in forest planting. It is the duty of the State to provide small trees at the lowest possible cost to encourage the planting of this waste land. The State Forest Nursery, established a few years ago, is doing its best with the limited funds available, to supply this need and has furnished, during the past two years, more than 100,000 trees for forest planting, but this has taken care of less than one-third of the applications for stock. The growing interest in forest planting indicates that the capacity of the State Forest Nursery must be increased five-fold to take care of the normal increase for the next three years.

The interest in the care and protection of trees in cities and towns and along the public highways has shown a marked growth, evidenced by the increasing number of requests for assistance in shade tree problems coming, not only from private individuals, but from officials of towns and cities as well. The supervision of the trimming of trees along the public highways by pole line companies has been given, as heretofore, with satisfactory results.

The wood-using industries of the State are becoming greatly concerned over the timber and wood supply. At the present time, 80 per cent. of their raw material is imported at heavy cost and with diminishing timber supplies and longer hauls, entailing increased freight charges, the situation is becoming more critical every year. This is a condition not alone affecting the wood using indus-

tries with their large capital investment and their 12,000 employees, but involves the entire building program as well, which requires an even greater amount of lumber than the wood-using industries and which is even more dependent on distant sources of supply. Relief can only come by increasing the productivity of our own forests to a point where timber growth and timber consumption will be more nearly equalized. This can be done if, and when, our present area of 2,228,000 acres of forest land is brought up to its maximum productiveness. Forest fires must be largely eliminated, forest lands must be fully stocked with growing timber and idle waste lands must be put to work growing timber. Ten per cent of the forest area of the State or, approximately, 200,000 acres should be in public ownership (mostly State owned) as the quickest and surest way of insuring and stabilizing timber production. This calls for a large expenditure in the next ten years for acquiring absolute forest lands suitable only for timber growing.

There must be an efficient system of forest protection that will effectively stop fire damage—it can be done at reasonable cost. There must be a greatly increased output of small trees from the State Nursery, for forest planting at a low cost, to enable the planting of waste lands and understocked forest lands, to go on at a reasonable rate. These are the more important features of the program presented by the Forestry Department and which, it believes, is not only economically sound but absolutely essential to provide adequately for the forest needs of this State.

ASSISTANCE TO WOODLAND OWNERS.

The State Department of Forestry offers, as one branch of its service, assistance to woodland owners in the work of bringing back to complete productiveness the two million acres of woodland found within the State. It further aims to bring about the conversion of some 350,000 acres of waste land to productive forests by the planting of suitable forest trees. It is by means of direct cooperation with the woodland and waste land owners that this work is progressing. The Department gives to the woodland owners the scientific knowledge necessary to the solution of the problem involved, and the owners, on their part, put into practice the advice received. The scientific management of the forest involves a continuous production of trees on forest lands. This is the guiding principle of the service offered.

Since, practically, the entire woodland and waste land acreage in the State is privately owned, the extent of assistance given in the solution of existing forestry problems is dependent on the number of requests received for such aid from the owners. A notable increase in the number of requests and a greatly increased acreage examined over the past biennial period, have resulted, due in part, to the increased demand for forest products but mainly to the increasing desire on the part of owners to maintain their woodlands in a permanent productive condition. A total of 32,230 acres of woodland was examined to study the forestry problems involved, giving to 106 owners detailed advice as to the best methods of procedure for improvement of their forest land.

A further step offered in the method of woodland improvement, is the marking and estimating of timber for individual owners. This is applicable to those forests in which mature trees are ready to be harvested, in which trees should be removed in the nature of an improvement cutting and in which trees are to be retained for the purpose of reproduction. In each case an estimate is made of the amount and value of the timber that is to be cut and a timber cutting contract prepared that will protect the owner's interest and mean good forestry practice. A nominal charge is made for the service. A summary of the work of this character shows that during the past biennial period 15 tracts were marked, comprising 1,863 acres.

This work of assisting woodland owners is of benefit not only to the individual by introducing better forest management on his land, but renders a much greater service as an object lesson to the community at large. Each project of this character is and will continue to be a concrete example of the work the Department is doing to establish sound forestry practice and to induce others who have not yet taken advantage of the services offered to do likewise. A summary of the work accomplished during the past two years in assisting private owners will be found in the Appendix pages, 48-51.

COOPERATION WITH THE EXTENSION SERVICE.

The Extension Service, through its agricultural agents in every county, working in conjunction with local farm organizations, offers an excellent medium of effectively reaching the farmers who own about 60 per cent. of the woodlands of the State.

The Department of Forestry has for several years been cooperating with the Extension Service in providing the services of a forester to take care promptly of all requests for assistance in forestry or shade tree problems coming through the county agents. Under this arrangement the Extension Service pays the travel expenses of the forester while engaged in the work. Many requests have been taken care of in this way, resulting in numerous demonstrations of practical forestry, such as thinnings, improvements, cuttings, timber marking, and forest planting. It has been only in the past few years, that the larger possibilities and opportunities of farm forestry have begun to be realized by the county agents, who have been so busy with the many projects of various kinds already under way, that they have found it difficult to undertake new projects. A single example will illustrate what has and is being done by some of the county agents in cooperation with the Department of Forestry in helping the owner of farm woodlands to realize greater revenues from the woodlands of the farm, as part of the farm enterprise.

A county agent of one of the Eastern Shore Counties, in cooperation with the Department of Forestry, arranged an educational program as follows:

The county agent published in all of the papers of the county a series of four articles, one each week, entitled, "Timber Starva-

tion," "Why Not Grow Timber?", "Forester to Visit County" and "Farmers Interested in Timber."

A selected list of about 250 farmers owning woodlands was made from the land assessment books and two circular letters sent them ten days apart. The first letter called attention to the general neglect of farm woodlands and what might be accomplished by better management, also extending the offer of the State Forester to examine their woodlands and to give advice on the ground. The second letter reiterated the important points of the first and, in addition, announced that a number of requests had been received for the forester to examine woodlands and urging the individual to take advantage of the service offered.

As a result of the publicity and personal letters by the county agent, requests for examinations and advice were received from 34 farmers owning 2,954 acres of woodland ranging from 20 to 138 acres in area and well distributed in the county.

A visit of the forester was arranged and a week's itinerary mapped out. Not only was each farmer who had requested assistance visited, but several public meetings were arranged for evenings when illustrated lectures on forestry were given.

The publicity given to the examination of these woodlands, followed by the actual carrying out of the work recommended, served as a demonstration of forestry practice in the several communities, and was of the greatest help in introducing better methods of handling woodlands.

In the summer of 1923, a cooperative agreement was entered into with the Extension Service of the U. S. Department of Agriculture to present forestry to the people by means of a specialist working through the agricultural county agents. A forester from the State Department of Forestry was detailed to the Extension Specialist's office at the University of Maryland to work out and put into effect a program of forestry for each county, under the supervision of the Director of Extension. A program of work was decided upon, but nothing definite was done in the counties up to the time included in this report. The program, however, is expected to be carried out and extended in the future, so that through the Extension Service, the presentation of forestry to the public will be greatly facilitated.

STATE FORESTS.

The State-owned forests, six in number, are situated in three widely separated sections. Four of them are in Garrett County, just north of Oakland and west of the Youghiogheny River, one at Fort Frederick, just east of Big Pool, along the Potomac River, in Washington County, and the other just west of Baltimore, bordering both sides of the Patapsco River.

GARRETT COUNTY STATE FORESTS.

The State Forests of Garrett County were, for the most part, gifts to the State and are situated in the Allegheny Mountains of Western Maryland at about 2,500 feet elevation. In 1922, a tract of 168 acres was purchased in order to connect the Skipnish with the brier Ridge tract.

The Garrett County tracts now comprise:

Skipnish	888	Acres
Brier Ridge	931	"
Herrington Manor	712	"
Kindness	206	"
Total	2,737	
Auxiliary State Forests	600	
Total	3,337	

The first three of the tracts named are now connected, forming a solid block about three miles long and one mile wide. The Kindness tract, the smallest of the four, is separated from the other three by about 1¼ miles and is less than ½ mile from the B. & O. R. R. at Hutton.

The State Forests and auxiliary State Forests are in direct charge of a resident warden, who patrols the land, looks after campers, and sees that the rules and regulations for the conduct of the State Forests are obeyed. He, in cooperation with other forest wardens of the section, protects the State and adjoining lands from fire and trespass. The fire observation tower at Pitch Pine Rock overlooks the State lands and is especially useful in detecting and

promptly reporting fires. It is very gratifying to record that there have been no fires on the State lands for the past two years.

The telephone line to Herrington Manor Forest has, largely at State expense, been converted from a single wire, ground circuit line to a double wire, metallic circuit line and extended for about ten miles to connect with the Pitch Pine Rock Fire Tower and with the settlement at Swallow Falls, insuring better cooperation in protecting State lands.

AUXILIARY STATE FORESTS.

The Swallow Falls—Muddy Creek Falls tract of 600 acres, owned jointly by the Grand Lodge of Masons of Pennsylvania and of West Virginia, was, in the spring of 1923, turned over to the State Department of Forestry for use as an auxiliary State Forest. The ownership remains vested in the Grand Lodge of Masons, but the use of the land is given to the State Department of Forestry as an auxiliary State Forest for recreation purposes. The Forestry Department, on its part, assumes the protection and care of the land under the same kind of an arrangement that has been in effect for several years on the Patapsco Forest with marked succsss.

The Swallow Falls tract contains two of the most attractive scenic features of Western Maryland—Swallow Falls on the Youghiogheny River and Muddy Creek Falls ¼ mile distant are set in a beautiful grove of virgin hemlock and white pine. It is but eight miles from Oakland and has been for many years a popular recreation ground for local people. Under State control, the advantages and attractiveness of the region have been advertised, with the result that during the first season, 1923, 1,675 people from ten different States registered at the Swallow Falls headquarters, a large number camping there from a few days to several weeks.

FORT FREDERICK STATE FOREST.

The Legislature of 1912 appropriated $8,500 to the State Department of Forestry for the purchase of old Fort Frederick and the 189-acre tract of land on which it stands. The owner was unwilling to sell for the amount of the appropriation and it was not until December, 1922, that the property was acquired at a cost of $12,000, by the addition of other funds to the original amount appropriated.

Fort Frederick has an interesting history. Built in 1756 by the Colonial Governor, Horatio Sharpe, as a protection to white settlers on the then frontier of civilization, it stood for many years as a refuge for the Colonists. During the Revolution, it served as a prison camp for British soldiers captured from Burgoyne's Army. In 1791—no longer needed for defense—it passed into private ownership and so remained for 131 years, when it again came into possession of the State. It came into use again for a short time during the Civil War, when it was occupied by a detachment of Union troops. At this time a hole was made in the wall and through it a cannnon pointed, commanding a nearby ford on the Potomac River, as well as the B. & O. R. R. just beyond. The old Fort has thus served in three of our great wars and even today, after 168 years, is in a fair state of preservation. It was built in a most substantial way of rough limestone laid in mortar, the walls 20 feet high, 4 feet thick at the base and 2 feet at the top. The main wall is in the form of a square 240 feet on a side with bastions at the four corners and encloses about 1½ acres of ground. This is by far the best preserved fort of the several built in the pre-Revolutionary days and its possession by the State insures its preservation.

The property will be managed as a State Forest, with a view to conducting certain experiments and demonstrations in forest planting and the establishing of a small forest nursery, but the primary object will be to preserve and make accessible the Fort itself as a point of historical interest, and at the same time develop the entire property as a recreation center. For this purpose it is admirably situated. It borders the Potomac River for about ½ mile and, in addition, borders the Big Pool, a large body of water connected with the Chesapeake and Ohio Canal which traverses the property. The water frontage, accessibility, and location at the base of the Alleghenies make it especially attractive for summer camping—a use for which the State Forests are becoming noted. This tract is just half way between the Patapsco near Baltimore and the Garrett County State Forests near Oakland, thus making available three well distributed recreational areas for the western half of the State.

PATAPSCO STATE FOREST.

This forest reserve lies along both sides of the Patapsco River, between Relay and Hollofield, and but a short distance from the

city limits of Baltimore. The State owns, approximately, 1,000 acres, but has the use of about 1,500 acres more under cooperative agreements with adjacent property owners. In return for the use of these lands for camping, the State patrols them to prevent forest fires and trespass.

The chief use of this forest is recreational, for which it is admirably suited. It abounds in beautiful, natural scenery and is within easy reach from Baltimore, the most populous center of the State.

The camping privilege on this Forest, as is also the case on other State Forests, is granted under a permit system. No charge is made for this permit, but this method is used to fix responsibility for the proper use of the camping site to which an applicant is assigned. The permit is for a specific location and for a specific time, so that confusion and conflict of use is prevented. The permit plan has been in operation for several years with very satisfactory results. The number of camping permits issued in 1922 was 200, and 179 were issued in 1923. While there was a decrease in the number of permits issued in 1923 as compared with 1922, due in part to less favorable weather conditions for camping, the number of campers using the forest was nearly the same for the two years, since in 1923 there were more large community camps in use than in the previous year. There has been a marked increase in the number of day excursionists who visited the Patapsco Forest, amounting to many thousands of people.

Almost the entire forest is well timbered and rapidly increasing in value. Only such selected trees as are over mature and deteriorating in value are sold. A small quantity of such timber, including some dead chestnut, has been sold in the past two years. A few new trails have been constructed and foot bridges placed across some of the streams.

The Conservation Department has, as in former years, cooperated with the Department in furnishing fish for stocking the Patapsco River within the limits of the State Forest. In 1922, 8,000 bass and 2,000 crappies were placed in the river and in 1923, 10,000 bass.

FIG. 1. SWALLOW FALLS, GARRETT COUNTY.
Several thousand people enjoyed the scenery and camping privileges here last summer.

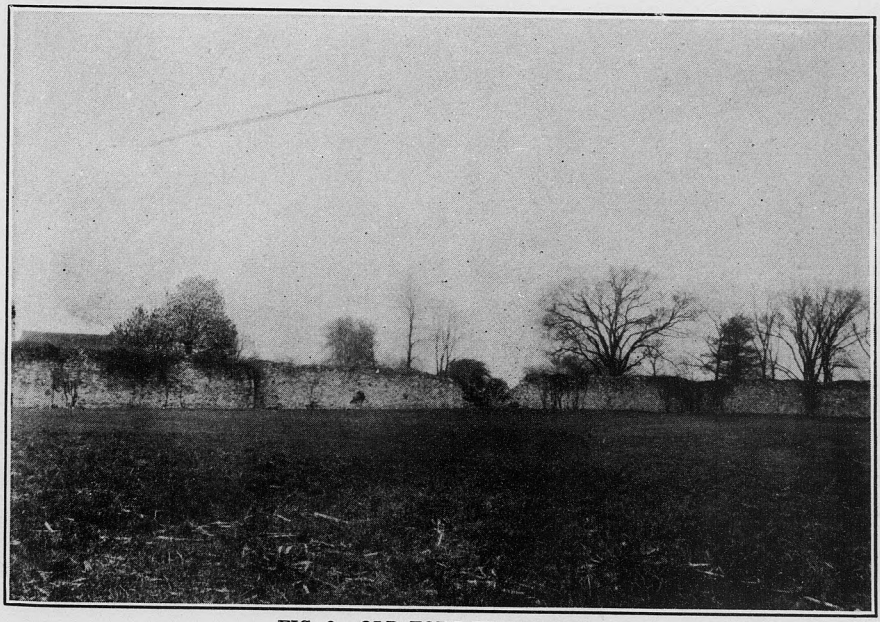

FIG. 2. OLD FORT FREDERICK.
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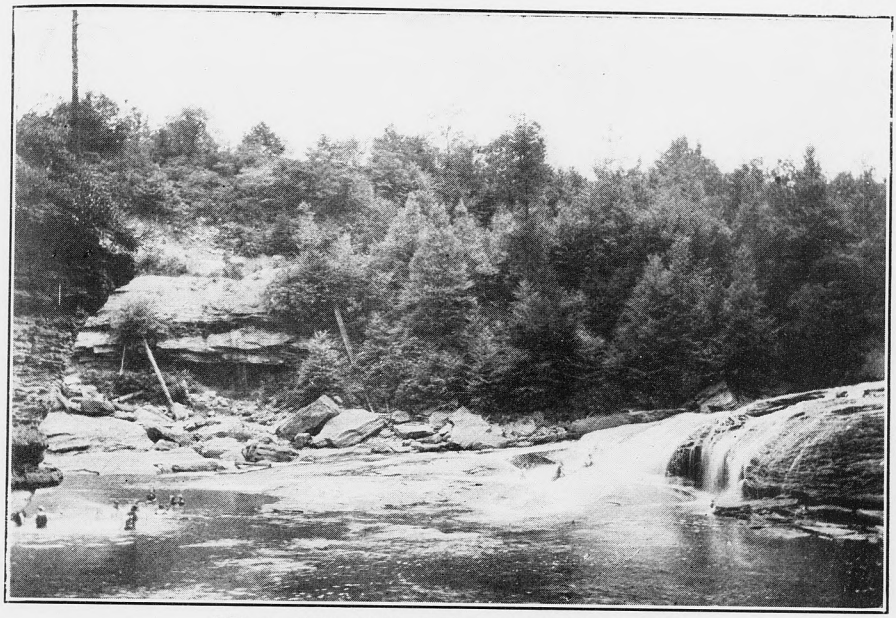

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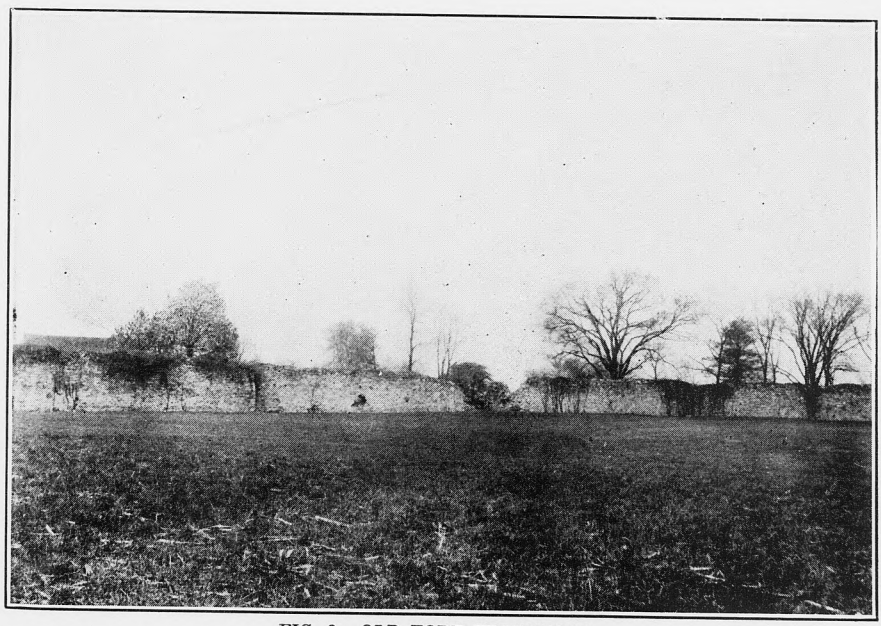

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STATE FOREST NURSERY.

The Forest Nursery, which is maintained by the State Department of Forestry at College Park on the lands of the University of Maryland, has during the last two years been increased from 7½ to 10 acres in area. The addition in area is due to the fact that the increasing demand for trees requires more space in which to grow them. Due to the lack of space, normal demands for forest seedlings each year cannot be met, and to supply trees suitable for roadside planting, which has developed since the passing of the Roadside Tree Law, further taxes the capacity of the nursery. The Forest Nursery is striving to meet such demands as far as possible, with limited resources.

The two classes of stock grown in the Nursery are for forest and roadside planting and, as far as possible, all stock in the Nursery is grown from seed, much of which is gathered in the State.

These trees are distributed at cost, as the limited appropriation for maintenance is not sufficient to enable the State to give the trees free. According to an agreement signed by the purchaser, none of the stock can be sold or used for other than forest or roadside planting.

EXPRESS RATES ON FOREST PLANTING STOCK.

The express rate on forest planting stock was increased in February, 1921, by the American Railway Express from second class to first class, thereby increasing transportation charges approximately 40 per cent. This was protested by Maryland, in common with several other states which maintain forest nurseries for distributing trees for forest planting. A hearing was held before the Public Service Commission of Maryland on October 30, 1922, with the result that an order was passed reducing express rates, on reforesting stock shipped from the State Forest Nursery, to second class rates when shipped in boxes, crates or bales, no one of which shall exceed 150 pounds in weight or six feet in length. This will bring about a distinct saving to land owners of the State in purchasing stock for forest planting.

FOREST PLANTING.

Reforestation of idle lands, of which there are estimated to be 350,000 acres in the State, and in addition many thousands of acres of partially stocked land in need of planting, constitutes a real forestry problem. During the past decade there has been a decided reduction in acreage of improved farm land with a consequent increase of waste or idle land, much of which can be more profitably employed in growing timber than in any other use. This has given added impetus to forest planting as a means of putting these idle lands to work growing timber crops. Much of this land will be more profitably employed in a permanent forest, but even though a considerable part may be needed ultimately for agricultural use, there is no sound reason why a timber crop of a fast growing species cannot be grown pending such use, and with profit to the owner. The Department of Forestry has, during the past two years, as heretofore, given assistance whenever requested to private owners and to State Institutions, in examining lands, making forest planting plans, and in most cases has furnished trees for planting from the State Forest Nursery.

Planting plans, which considered the suitability of the site for planting, the species to plant, and the method of planting, were prepared for 4 owners, covering 80 acres. Actual plantings were made in 12 tracts, covering 79 acres, during the two-year period, requiring 73,100 forest tree seedlings. (See appendix for details.)

THE F. F. NICOLA PLANTING.

The largest forest planting project of the past two years, in which the Department of Forestry has cooperated, is on the lands of F. F. Nicola at the southern extremity of Meadow Mountain, Garrett County. Mr. Nicola owns about 7,000 acres of mountain land which, prior to his ownership, was cut over between 1900 and 1905. A portion of this tract, comprising about 500 acres, and which contained pure stands of white pine and hemlock timber, was burned so severely in 1905 after logging, that not a living tree was left. For nearly 20 years this land has remained in a devastated condition with no prospect of a remunerative crop. The owner, however, in 1921, upon the advice of the Forestry Department decided to re-

forest these idle lands, and in the spring of 1921 the first planting was done with large sized white pine and Norway spruce for immediate effect, using about 500 trees.

In the spring of 1922, 22,500 white pine transplants, averaging 12 inches in height, were planted with a spacing of 6 x 6 feet. Allowing for a few small patches of natural reproduction, the area contained in this planting project was about 25 acres.

The planting was continued in the spring of 1923 using a variety of species as follows: Scotch pine, 5,000; Norway spruce, 5,000; European larch, 5,000; red oak, 5,000; black locust, 5,000; and black walnut, 1,000. With the exception of the walnut, the different species were planted on separate blocks of nearly five acres, for the purpose of establishing demonstration plantings of sufficient size to show conclusive results.

At the time of the planting in 1923, all wild currants and gooseberries were eradicated from the planting area as a prevention against any possible attack by the white pine blister rust.

During the summer of 1923, a count of the trees was made to determine the per cent. living, with the following results: White pine, 90 per cent; Scotch pine, 85 per cent; Norway spruce, 85 per cent; European larch, 15 per cent; red oak, 90 per cent; black locust, 90 per cent, and black walnut, 85 per cent.

The larch had already started to leaf out when received at the planting site, and in this susceptible condition a severe freeze a few days after planting caused great damage and accounts for the heavy loss.

The cooperation which Mr. Nicola is giving to the Department of Forestry is most valuable, in demonstrating the best tree species to use and the best planting methods for the mountain lands of Western Maryland. He is securing the trees from the State Forest Nursery at cost and wants to increase his planting program to 50 acres a year as soon as the State Nursery can furnish the trees.

SHADE TREE WORK.

The growing interest in the planting, care and protection of shade trees is reflected in the larger number of requests received for advice and assistance in shade tree problems. The Department is called upon frequently by residents of the State for advice in the selection of trees to plant on home grounds, the proper method of planting and their arrangement, and also in the care of trees affected by insects or tree diseases. Officials of towns and cities frequently call upon the Department for advice and assistance. During the past two years the trees of Cumberland, Frederick, Towson, Emmitsburg, Federalsburg, and Bel Air have been examined at the request of town officials and definite recommendations made for their treatment.

Under the operation of the Roadside Tree Law, enacted in 1914, the Department of Forestry is charged with the care and protection of trees within the right-of-way of public highways. All trimming of such trees by the public service companies which maintain pole lines, is supervised by tree wardens of the Forestry Department. This work for the past two years involved the supervision of the trimming of some 50,000 trees by the pole line companies, the wardens in charge preventing any unnecessary damage to trees and seeing that the work was properly done.

TREE WARDENS.

(Forest Wardens Assigned to Tree Work.)

ALLEGANY COUNTY.

Name.	*Location.*	*Address.*	*Telephone.*
Armstrong, Robert	8 W. Loo St.	Frostburg	Call Frostburg 220M
Carter, L. B.	Lavale	Cumberland	Cumberland 1843-R

ANNE ARUNDEL COUNTY.

Best, Hezekiah	Birdsville	Harwood	West River 203 F 11

BALTIMORE COUNTY.

Name	*Location*	*Address*	*Telephone*
Peddicord, John W.	Oella	Ellicott City	Call Ellicott City 122
Stude, W. G.	Beaumont Ave	Catonsville	Catonsville 191
Tovell, Charles B.	Reisterstown	Reisterstown	Reisterstown 152M

BALTIMORE CITY.

Chenworth, W. B.	3213 Elmley Ave.	Baltimore	Wolfe 7283 J
Garis, C. E.	3802 Barrington Rd.	Baltimore	Forest 8302 W
Prince, W. A.	3634 Old York Rd.	Baltimore	Call Homew'd 3470-W
Stansbury, E. O.	Falls Rd.	Mt. Washington	Tuxedo 1115 W
Stricker, W. T.	726 E. 35th St.	Baltimore	Homewood 3437 W
Warren, R. T.	611 Grantley St.	Baltimore	———

CAROLINE COUNTY.

Lednum, W. B.	Preston	Preston	———

CARROLL COUNTY.

Stem, Jesse F.	Westminster	Westminster	Call Westminster 34-R

CECIL COUNTY.

Austin, C. J.	Elkton	Elkton R. F. D.	———
Balderston, Levi H.	Colora	Colora	Rising Sun 43 H
Evans, Standley	Elkton	Elkton	Elkton 185
Puschell, Charles	North East	North East	Call North East 45-F 2
Strahorn, Harry W.	Fair Hill	Elkton R. D. 5	Elkton 208 F 2

DORCHESTER COUNTY.

Andrews, S. E.	Hurlock	Hurlock	Hurlock 65

FREDERICK COUNTY.

Klein, C. Cyril	Braddock	Frederick	Frederick 1854 F 2
Klein, Charles E.	Braddock	Frederick	Frederick 1854 F 2

GARRETT COUNTY.

Bowman, L.	Oakland	Oakland	Call Oakland 138 M
Oester, A. J.	Bittinger	Bittinger	Mutual Telephone Bittinger Switch

HARFORD COUNTY.

Hill, John C.	N. W. of Dublin	Darlington, R. F. D. 2.	Darlington 6-F-4
Johnson, R. K.	Joppa	Joppa	Call Wilna 4 F 12
Magness, H. S.	Wheel	Bel Air	Bel Air 810-F-11
Magness, S. S.	Fallston, R. R.	Fallston, R. D.	Bel Air 810-F-31
Sentman, V. J.	Havre de Grace	Havre de Grace	Havre de Grace 65 M

HOWARD COUNTY.

Name.	*Location.*	*Address.*	*Telephone.*
Clarke, G. M.	Clarksville	Clarksville	Ellicott City 88 F 11
Johnson, M.	Clarksville	Clarksville	Ellicott City 88 F 15
Prince, E. G.	Ilchester	Ilchester	Catonsville 544 J

KENT COUNTY.

McClary, C. D.	Chestertown	Chestertown	———

MONTGOMERY COUNTY.

Gottlieb, Wm. H.	21 Quincy St.	Chevy Chase	Cleveland 127
Hughes, B. C.	Rockville	Rockville	———
O'Donnell, Hugh F.	Silver Spring	Silver Spring	Woodside 37 R 2
Spencer, Geo. C.	501 Dorset Ave.	Chevy Chase	Cleveland 1228 W

PRINCE GEORGE'S COUNTY.

Easterday, O. H.	Brentwood	Brentwood	Hyattsville 392 M

QUEEN ANNE'S COUNTY.

Voshell, W. S.	Centerville	Centerville	———

ST. MARY'S COUNTY.

Clements, C. R.	Leonardtown	Leonardtown	Call Leonardt'n 53W
Jones, Harry M.	Leonardtown	Leonardtown	Leonardtown 2 R

TALBOT COUNTY.

Howeth, W. F.	Wittman	Wittman	St. Michaels 68 F 3

WASHINGTON COUNTY.

Detrow, Samuel	Hagerstown	Hagerstown	———
Frownfelter, S. D.	Hagerstown	Hagerstown	———

WICOMICO COUNTY.

Burroughs, P. E.	Salisbury	Salisbury	Salisbury 993

WORCESTER COUNTY.

Babcock, D. W.	Berlin	Berlin	———
Perdue, Avery	Colbourne	Snow Hill R. R. 2	Snow Hill 44 F 11

EDUCATION.

Publicity—The interest of the city and county press in matters concerning forestry is still on the increase. In addition to news items constantly furnished to regular reporters, special articles are prepared and sent all over the State for such occasions as Arbor Day, Forest Protection Week, and the opening of the hunting season.

Lectures—In addition to the two projectors for use with the 400 lanterns slides now owned by the Department, a moving picture machine has been purchased. A special attachment has also been secured so that electricity can be generated from the automobile by means of a dynamo clamped to the running board. With this equipment the Department has been able to go into the most out-of-the-way sections of the State and give illustrated lectures, using both lantern slides and motion pictures.

Films covering a wide range of forestry subjects are always obtainable for limited use from the United States Department of Agriculture, but in addition the Department has now one of its own films made in collaboration with the Motion Picture Laboratory of the United States Department of Agriculture. This 1,000-foot film, entitled, "Pines That Come Back," is based on the life history and various forms of utilization of loblolly pine. The picture was taken in May, 1922, in Talbot, Dorchester, Wicomico, Somerset and Worcester counties. Weather conditions at this time proved ideal, and lumber companies, as well as individuals along the line, co-operated to the fullest extent in making the picture a complete success. Since its release this picture has aroused much favorable comment on account of the unity of the subject matter and of the effective way the story is put across.

The Department also owns another film, entitled "The Forest Guardian," a picture illustrating the method of detecting and fighting forest fires, which was purchased about two years ago from the Conservation Commission of New York.

During the current two-year period 94 lectures were given, 95 per cent of which were illustrated. Every county in the State was reached with the exception of Charles, St. Mary's and Calvert—no requests having come from that section. (See appendix for detailed list of lectures.)

Following a definite request, arrangements were made for a forester to visit the summer camps of both the Boy Scouts and the Girl Scouts, located on the Severn and Gunpowder rivers, respectively, and talk on forestry and wood craft.

A course of lectures on farm forestry, covering a period of ten weeks from March to May, was given by the State Forester, as provided in the Forest Law, to the students in agriculture at the University of Maryland, in both 1922 and 1923. This course consisted of two lectures and three hours' field work each week, and was designed to give the students a knowledge of the principles of handling farm woodlands as an integral part of the farm.

Exhibits—A Better Homes Exposition, staged in Baltimore for a week in April, 1923, gave the Department a splendid opportunity to show what an important part the raw product—wood—played in supplying the necessities, comforts and luxuries of the home. An attractive booth was arranged in one of the main aisles of the display space.

As a part of the program of Farmers' Day at College Park, during the latter part of May, the Department, for the last two years, has had a special tent on the grounds, with the technical staff on hand to answer questions and give out information. The miniature forest on display in 1923 elicited considerable interested inquiry.

FOREST INVESTIGATIONS.

Loblolly Pine Bulletin—Both the field work and the office compilation of data in regard to this valuable lumber tree were completed this biennium and the bulletin went to press on October 1, 1923.

This bulletin presents in a form to be readily understood by the average woodland owner information in regard to the various uses of loblolly pine and detailed plans as to its care and management as a forest crop.

Chandler Tract—In order to determine the cost of replacing inferior hardwood growth with loblolly pine, a three-acre tract along the Pocomoke-Snow Hill road was cut off in the winter of 1923, 15 cords of wood removed, the brush burned, and one-year-old loblolly pine seedlings set out in the spring. The cost of this

FIG. 1. PLANTING IDLE LANDS TO TREES.
There are 350,000 acres of idle land in Maryland which should be put to work growing trees.

FIG. 2. A PLANTED FOREST.
This plantation on the Baltimore City watershed emphasizes the importance placed by municipalities on trees for the protection of the City's water supply.

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work, over and above profits on cordwood, amounted to about $9.00 per acre. While this cost is higher than was anticipated, the experiment has created considerable interest. On a larger scale and with more experience in burning brush, the cost would be sufficiently reduced to make this conversion a profitable undertaking.

Holloway Tract—A 30-year-old tract of loblolly pine was marked for thinning near Newark, Worcester county, as a community project. Records kept on a measured area showed profits accruing to the owner of $24.00 per acre, and at the same time the condition of the stand was improved.

Taper Measurements—Considerable progress was made by field parties in both the summers of 1922 and 1923 in collecting taper measurements to fill out gaps in volume tables already compiled by the Department. The field crews were especially fortunate in getting measurements on large tulip poplar and white oak in Howard county.

Experimental Forest Planting—Evans Tract—A three-acre experimental planting of hardwoods and loblolly pine was established in Cecil County in the spring of 1923 in cooperation with Standley Evans, on his farm bordering the Bohemia river. The trees were furnished by the Department of Forestry, while Mr. Evans set aside three acres of his land for the purpose of the experiment. Four different species were used: 600 black walnuts, 600 red oaks, 600 tulip populars and 12,000 loblolly pines. A spacing of 9 x 9 feet was used with walnut and 6 x 6 with the other species. There are, altogether, two plots of one-fourth of an acre each of red oak, two quarter-of-an-acre plots of tulip popular, two plots of walnut, one of three-quarters of an acre, the other of one-fourth of an acre and one plot of loblolly pine containing an acre.

This experiment will be of especial interest in demonstrating the value of hardwoods for forest planting and the adaptability of loblolly pine north of its natural range on the Eastern Shore.

Tax Study—An investigation has been conducted during the past two years with a two-fold purpose: First, to ascertain if woodlands are overtaxed as compared with other classes of property; and second, to find out if the present system of taxing woodlands under the general property tax discourages investment in forest property or the holding of it for future yields.

Studies were conducted in three widely separated representative counties,—Garrett, Prince George and Wicomico. The studies are not yet complete, but, as a general deduction from the observations made, it appears that woodlands as a class have not been overtaxed. There are many individual cases of overtaxing and about as many where lands have been undertaxed. The tendency, however, is toward increased assessments on forest lands out of proportion to their revenue-producing value. It is the uncertainty of what may be exacted in taxes from the owner of forest lands, who may be holding such lands for a timber crop to mature 20 or 30 years hence, that retards timber growing as a business.

The conditions presented are a strong argument for a change in taxing forest lands, when income is long deferred, from the annual property tax to a yield tax or products tax, to be collected when the timber is cut and income realized.

Survey of Forest Products—In order to ascertain on a county-wide basis just what demands were being made from the forests, a detailed survey was initiated in the summer of 1923 in Wicomico county. Every shipper, manufacturer and large user of forest products within the county was interviewed and information obtained as to quantity and destinations of all wood products shipped or used. When this mass of information is tabulated and summarized, it will prove a most authentic and significant record of the relation between forest growth and forest depletion on a county-wide basis.

PUBLICATIONS.

During the biennial period a high-water mark was reached in the number of publications issued by the Department for State-wide distribution.

Thirty Forest Trees of Maryland—The cuts and descriptive matter for this popular bulletin was a cooperative undertaking on the part of the Forestry Departments of North Carolina, Virginia, Tennessee and Maryland, together with the United States Forest Service, made possible by the fact that the same important species for the most part occur in all these States. There has been a great

demand for this bulletin, particularly for nature study in the schools all over the State.

Planting Leaflets—White Ash, Tulip Poplar, Red Oak, Black Walnut, Black Locust, White Pine, Shortleaf Pine and Loblolly Pine. The interest in forest planting has grown considerably within the last few years and to answer briefly and concisely the question "What to Plant" the Department picked out these eight trees, which it deemed best suited for general planting conditions throughout the State, and presents in these four-page leaflets the essential characteristics of each species and the returns to be expected from plantations.

Forest and Roadside Planting Leaflets—In order to answer the question "How to Plant," a leaflet covering the necessary information in regard to the proper method of planting both forest and shade trees was also printed.

Camping on the State Forests in Western Maryland—The beautiful virgin forest around Swallow Falls, Garrett county, having come under the supervision of the State Department, a four-page leaflet was gotten out in the summer of 1923, calling the attention of the public to the possibilities of this and adjoining State-owned forest land for camping purposes.

The Forests of Frederick County,
The Forests of Washington County,

These two 30-page bulletins were issued in 1922. They contained a detailed description by election districts of the forest resources of the two counties. Methods of increasing the productivity of the forests by better protection, proper cutting methods, and the reforestation of waste lands are explained in detail. A splendid county map on the scale of one mile to the inch, showing forests as well as topography, is included in each bulletin.

The series of county forest reports now issued numbers eight. The other county reports are: Kent, Prince George's, Anne Arundel, Baltimore, Garrett and Allegany.

Our Forests—The original edition of this pamphlet gotten out in 1920 in the interest of forest protection being exhausted, a reprint was made in 1922.

FOREST PROTECTION.

The past biennial period has brought about considerable changes in the organization and administration of the forest protection work in the State—changes that have become necessary to take care of a constantly growing organization.

LOOKOUT TOWERS.

During the biennial period, two new lookout towers were erected and put in operation.

Warrior Mt. Tower. The site for this tower, on one of the highest points in Allegany county east of Cumberland, was given by Mr. W. A. Larner, president of the Warrior Mountain Orchard Company. The tower is 50 feet high and overlooks all of Allegany county between Wills Mountain and Town Hill Ridge, including a forest area of 80,000 acres. It was ready for service in the fall of 1922. Pennsylvania has a lookout tower on the same general range of mountains, 12 miles north of Flintstone. By the same sort of cooperation between the two States as is already in effect at Quirauk Tower, in Washington county, the territory which lies between these two towers, irrespective of the State line, is assured double protection.

Long Hill Tower. The mixed forests of hardwoods and pine of Southern Maryland present conditions almost as hazardous as the larger forest areas of Western Maryland. This is, particularly, true in eastern Anne Arundel county, where on account of the hundreds of miles of desirable shore line the woods are literally swarming with cottages and campers from early spring to late fall.

To give better protection to this extremely hazardous area, the first tower to be placed in Southern Maryland was erected during the fall and winter of 1922 on Long Hill, the highest point in eastern Anne Arundel county.

Through the generosity of Mr. G. A. Lotze, the tower was erected within one hundred yards of the Annapolis Boulevard. It is thus readily accessible to the traveling public and already hundreds of people have availed themselves of the opportunity to take in the splendid views from the tower, though it has been in operation only since the spring of 1923.

The lookout towers now in operation in the State are as follows:

	County.	*Name Tower.*	*Location.*	*Telephone.*	*Height Feet.*	*Put in Operation.*
1	Garrett	Snaggy Mt.	Snaggy Mt.	Oakland 164F5	40	1915
2	Garrett	Thayerville	Meadow Mt.	Oakland 55	50	1921
3	Garrett	Bittinger	Meadow Mt.	Bittinger Mutual	60	1915
4	Allegany	Dan's Mt.	Dan's Mt.	Lonaconing 800-F-5	Station only	1921
5	Allegany	Warrior Mt.	Warrior Mt.	Cumberland 4009-F-14	50	1922
6	Washington	Quirauk	South Mt.	Blue Ridge 30J	80	1922
7	Frederick	Foxville	Catoctin Mt.	Smithsburg 11-F-2	50	1920
8	Anne Arundel	Long Hill	Long Hill	Armiger 2F13	60	1923

It will be noted that all the towers except No. 3 are connected with the C. & P. Telephone System.

FOREST WARDENS.

Forest Wardens' Registered Crews. The logical development of forest fire fighting is along the same lines that have been followed in combating city fires. The highly trained, paid fire fighters of today had their beginnings in the hit-or-miss volunteer bucket brigades. As a step along the lines of greater efficiency in forest fire fighting, opportunity is now offered all forest wardens in Maryland to get a higher rate of pay for themselves and their men by organizing what are known as Registered Crews.

Under this plan the warden secures the verbal agreement of some six to ten men in his immediate neighborhood who are willing to go to a forest fire any time, day or night, that they are called by the forest warden. This relieves the warden of considerable worry in getting men and enables him to get a trained bunch of fire fighters on the job in a minimum time. In recognition of this effort on the part of the warden his rate of pay for fire fighting is raised from $1.50 for the first five hours or less to $2.00 for this period and 30 cents an hour thereafter, while the crew men are paid at the former rate of the wardens. Any additional men necessary to call in are paid at the rate of 20 cents an hour.

Wardens' Conferences—As a change from the usual plan of one-day conferences with the wardens in the county seats of Western Maryland, a two-day conference was held in the spring of 1922 in Cumberland, for Allegany and Garrett counties, and in Hagerstown for Washington and Frederick counties. These conferences proved very worth while. Representatives from the United States Forest Service, the Pennsylvania Department of Forestry and the chief

railroads of the State were present and contributed to the program. Field demonstrations in the use of various fire fighting tools were a special feature of the program. At Hagerstown, through the courtesy of the H. & F. Railway, a special car was furnished to take the men to a suitable area on South Mountain for trying out fire fighting equipment.

Due to the heavy drain on the resources of the Department during the extremely bad fire year of 1922-1923, no conferences were held. It is planned to have such conferences again next spring, as they provide one of the most effective methods of keeping the field personnel interested and active.

Fire fighting equipment—the torch for back-firing and the Rich Tool have received the unqualified indorsement of so many of the men that they are now considered an essential part of a forest warden's equipment. In the case of a warden with a registered crew, the equipment includes one torch, three Rich Tools, one knapsack spray pump, one collapsible bucket and, if desired, canteens for drinking water.

DISTRICT FOREST WARDENS.

The increase in the number of lookout stations and the intensification of the warden system, so as to cut down the forest area for which an official is responsible, emphasized the necessity of giving to the forest protection work a closer supervision than was possible from headquarters in Baltimore. On a tentative basis, therefore, in the fall of 1922, district wardens were appointed in Garrett, Allegany, Washington and Frederick counties and in Southern Maryland. These men were taken from our own organization and they served on a part-time basis during the dangerous periods of fall and spring. Pay for their services was made possible through an increase of over $1,000.00 in the money available through the Week's Law Fund. However, it is practically impossible to get good men to serve on a part-time basis, especially when the periods they are required to serve coincide almost exactly with the periods of greatest activity on the farm. This year's try-out has demonstrated very effectively that the districting of the State has increased the efficiency of the forest protection organization.

Coincident with the appointment of these district wardens on a part-time basis, all patrolling throughout the State was discon-

tinued. In some instances, towers rendered patrolling unnecessary; in other instances, appointment of additional wardens in a dangerous area accomplished the same results with less expense. It is believed that if a district warden's territory is not too big he can keep in as close touch with the general fire situation as two or three patrolmen, do more effective educational work, and function in an administrative and investigative capacity as well.

COOPERATION.

Federal. The appropriation under the Weeks' Law for the fiscal year ending July 1, 1922, was $2,800, but a severe spring season having exhausted all available State funds, an emergency appropriation of $200.00 was granted. Due to adjustment in the basis of figuring the fire hazards on a State-wide basis, the Weeks' Law allotment for 1923 was raised to $3,850. Both fall and spring of this year were of such severity that for the first time in the history of the Department it was impossible to meet bills promptly when presented by the several counties for reimbursement for one-half the fire fighting expenses. An emergency allotment of $200.00 was again granted by the Forest Service to help alleviate this situation.

Interstate. Through the towers already referred to, as well as through an exchange of wardens' names and telephone numbers, the most effective and cordial cooperation in fire suppression has continued along the Mason and Dixon Line.

State Conservation Commission. Through the offices of the State Game Warden, arrangements were made for printed matter on the back of the hunting license, calling the attention of hunters to the danger of forest fires, as in previous years. In addition, the game posters printed by this Department for State-wide distribution carry an effective forest protection message.

Volunteer Fire Companies. An interesting development within the past two years has been the cooperation in forest protection offered by a number of the twenty or more volunteer fire companies that are operating in the suburban sections around Baltimore and Washington. By a special arrangement these companies appoint one of their active members a forest warden, and agree to take care of any brush or woods fires within their territory, sending in a full and complete report to the Department. In return, the company

is furnished with the warden's standard fire-fighting equipment, which is placed on the company fire truck ready for immediate use. These companies thus become an integral part of our forest warden system, and render service in sections where it has been particularly difficult to secure active wardens.

Railroads. Finding it impossible to carry through the program of burning safety strips along hazardous sections of the right-of-way throughout the State, on account of the refusal of certain owners to give the necessary permission, an effort was made at the legislative session of 1922 to secure the necessary authorization. This bill failed of passage due to some last-minute opposition. Where permission could be obtained, safety strip burning has continued on the part of the Baltimore & Ohio, Cumberland & Pennsylvania and the Western Maryland railroads. The Department is going ahead listing hazards and securing permission wherever possible, so that in these specific instances, where permission has been obtained, there will be no reason for the railroad not doing its part in accordance with the cooperative agreement put through in 1921.

A cooperative agreement has been put in effect with the chief railroads, operating in the State, whereby the expenses of extinguishing forest fires along the railroad right-of-way are paid promptly by the company upon presentation of satisfactory proof of their responsibility for specific fires.

Corporations and Private Owners. It is with considerable gratification that the Department finds within the past biennial period a very marked increase in the spirit of cooperation generally throughout the State on the part of corporations and individuals owning large holdings. This is evidenced by contributions to the maintenance of lookout stations, the posting of lands with fire warning signs, the purchase of forest fire fighting equipment, to supplement the State's supply, and the donation of land for tower sites, as already noted. Worthy of special mention in these particulars are F. F. Nicola, in Garrett county; the Consolidation, Georges Creek and North Maryland Coal Companies, and the Warrior Mountain Orchard Company, in Allegany county; the Hickory Run Manufacturing Company, Jacques and Hauver, and Gordon Strong, in Frederick county, and the Whitaker Iron Company, in Cecil county.

FIG. 1. BARRELS FOR APPLES AND EARLY POTATOES.
Growers in the State use thousands of barrels a year in marketing these products.

FIG. 2. MARYLAND MELONS IN MARYLAND CRATES.
The trucker's profit would be slim indeed if he had to go out of the State for the lumber to make his shipping containers.

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Railroads. Finding it impossible to carry through the program of burning safety strips along hazardous sections of the right-of-way throughout the State, on account of the refusal of certain owners to give the necessary permission, an effort was made at the legislative session of 1922 to secure the necessary authorization. This bill failed of passage due to some last-minute opposition. Where permission could be obtained, safety strip burning has continued on the part of the Baltimore & Ohio, Cumberland & Pennsylvania and the Western Maryland railroads. The Department is going ahead listing hazards and securing permission wherever possible, so that in these specific instances, where permission has been obtained, there will be no reason for the railroad not doing its part in accordance with the cooperative agreement put through in 1921.

A cooperative agreement has been put in effect with the chief railroads, operating in the State, whereby the expenses of extinguishing forest fires along the railroad right-of-way are paid promptly by the company upon presentation of satisfactory proof of their responsibility for specific fires.

Corporations and Private Owners. It is with considerable gratification that the Department finds within the past biennial period a very marked increase in the spirit of cooperation generally throughout the State on the part of corporations and individuals owning large holdings. This is evidenced by contributions to the maintenance of lookout stations, the posting of lands with fire warning signs, the purchase of forest fire fighting equipment, to supplement the State's supply, and the donation of land for tower sites, as already noted. Worthy of special mention in these particulars are F. F. Nicola, in Garrett county; the Consolidation, Georges Creek and North Maryland Coal Companies, and the Warrior Mountain Orchard Company, in Allegany county; the Hickory Run Manufacturing Company, Jacques and Hauver, and Gordon Strong, in Frederick county, and the Whitaker Iron Company, in Cecil county.

FIG. 1. BARRELS FOR APPLES AND EARLY POTATOES.

Growers in the State use thousands of barrels a year in marketing these products.

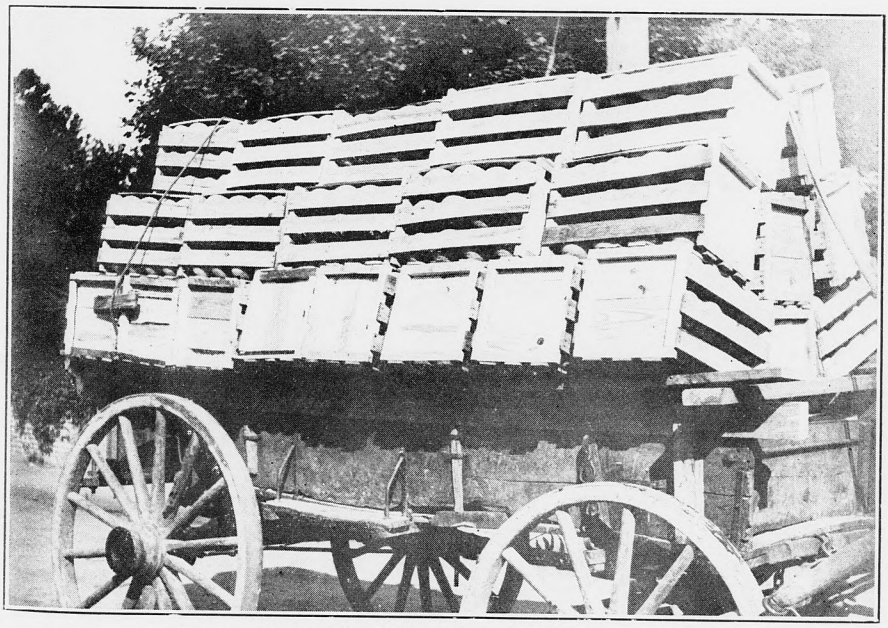


FIG. 2. MARYLAND MELONS IN MARYLAND CRATES.

The trucker's profit would be slim indeed if he had to go out of the State for the lumber to make his shipping containers.

PUBLICITY.

New types of fire signs were gotten out for each of the two years. Instead of the ordinary black and white sign, these signs were printed in contrasting colors, and received much favorable comment.

Due to the shortage of funds it was necessary for the district wardens to post these signs in 1923.

Practically all the steam railroads, as well as the electric railroads, in the State cooperated in the posting of these signs in conspicuous places along their rights-of-way.

Forest Protection Week has been ushered in each spring in Maryland by a special proclamation from Governor Ritchie. Appropriate articles and pictures have been published by the press of the State at this time. As a special feature of this week in April, 1923, provision was made for one of the staff to give a daily four-minute talk on forest protection at one of the local theatres, where a special forestry film, "Hearts Aflame," was being shown.

At all times the press has been most helpful in publishing matter furnished it in regard to the forest fire situation. By carrying big headlines in regard to the serious fires of the spring of 1923, the press served to give strong emphasis to the fact that the Department was very much handicapped in the way of funds to cope with such a situation as occurred throughout the State at that time.

FOREST FIRES, 1922.

Fiscal Year October 1, 1921, to September 30, 1922.

The fall of 1921 was the third successive autumn season when the number of forest fires was below the average. A protracted drought throughout July, August and September over the entire State created a very hazardous condition in the pine forests of the Coastal Plain on both the eastern and western shore. In Western Maryland, where the fire hazard usually is greatest, the drought was broken in October before the vegetation had become inflammable. As a result of these unusual conditions the number of

fall fires reported from the Coastal Plain section totaled 30 in contrast with 19 from the rest of the State. Under normal conditions 75 per cent of the fires occur in Western Maryland.

The spring fire season usually starts in March, but due to rainfalls over an inch above normal, only a very few fires occurred in the closing days of the month. In April, however, there was less rainfall than in any other April for the last 50 years. Toward the end of the month the situation became acute, and the second largest fire in the records of the Department occurred at this time—5,000 acres in Cecil county.

By the middle of May, the fire season was over throughout the State. The season was of unusually short duration but of considerable intensity—207 fires were reported covering an area of 17,542 acres.

FOREST FIRES, 1923.

Fiscal Year October 1, 1921, to September 30, 1922.

As if to make up for the three previous fall seasons, the fall of 1922 was one of unusual severity, particularly in Western Maryland. In November, for instance, the record of an observer for the Weather Bureau located on Dan's Mountain, in Allegany County, reported that the entire rainfall for the month was less than half of an inch. Coupled with this condition, extremely high winds prevailed for days at a time, which brought about many second-day fires. In Allegany county alone 106 fires occurred, burning over 15,000 acres, which is about 11 per cent. of the forest area of the county.

If 55 is considered the normal number of fires for the fall season, using figures of the last 10 years, then this season was four times normal in severity, for there were 216 fires reported, covering an area of 34,257 acres.

The spring season following was no less severe. Starting in with fires in mid-March, conditions became constantly more serious until during the last week in April, by a strange coincidence, Forest Protection Week, there were fires reported from all sections of the State and the Baltimore papers were carrying daily headlines

reporting the progress the wardens were making with serious fires in the Catoctins, on South Mountain, on Green Ridge in Allegany county, and Elk Neck in Cecil county. For the second successive year, Cecil county had the largest single fire since the disastrous fire in St. Mary's county, over a decade ago.

Having two such severe seasons follow one another completely exhausted all funds and for the first time in the records of the Department bills from the counties for reimbursement of fire expenses to the extent of $1,000.00 had to be paid after October 1, 1923, out of the next year's funds. In several of the counties fire-fighting expenses were so heavy that a special levy had to be made.

One of the most alarming features of this most disastrous year in the history of organized forest protection in the State was the large increase in the number of incendiary fires, particularly in Frederick and Garrett counties. In the former county the alleged reason for incendiary fires is to improve the huckelberry crop in the Catoctins, while in the latter county the idea still persists that firing the mountains improves the range for sheep and cattle.

The only way to stop incendiarism is to arrest and convict offenders, and under the present appropriation there are absolutely no funds available.

FIXING RESPONSIBILITY FOR FOREST FIRES.

There has been renewed effort on the part of the wardens in fixing responsibility for forest fires, which has resulted in increased amounts collected from individuals and corporations responsible for fires.

During the fiscal year 1922, bills for forest fire fighting expenses amounting to $334.34 were presented to those responsible, and the claims have been settled to the extent of $199.54.

During the fiscal year of 1923, bills amounting to $926.65 were presented, of which $520.15 has been received.

When settlement is refused by the defendant, after repeated correspondence, the cases are turned over to the Attorney General's office for collection. Through this Department, claims were settled in Frederick, Anne Arundel and Allegany counties.

TABLE OF FOREST FIRES BY SEASONS IN THE COUNTIES.

COUNTY	FALL 1921				SPRING 1922			
	No. of Fires	Area	Damage	Cost	No. of Fires	Area	Damage	Cost
Allegany	5	74	$85.00	$33.00	41	5,149	$11,750.13	$475.35
Anne Arundel	5	17	2,003.50	14.50	26	3,085	12,683.50	310.40
Baltimore	6	43	374.00	25.10	6	107	633.00	49.55
Cecil	....	.....	.....	.....	5	2,660	23,800.00	80.60
Charles	2	59	1,015.00	5.50	8	106	1,510.00	34.00
Dorchester	....	.....	.....	.....	1	200	600.00	53.90
Frederick	2	150	350.00	43.65	10	1,074	3,231.00	234.38
Garrett	6	533	1,644.00	56.65	58	2,289	5,318.25	434.23
Harford	....	.....	.....	.....	4	130	270.00	46.20
Howard	....	.....	.....	.....	2	19	174.00	6.00
Montgomery	....	.....	.....	.....	3	315	1,200.00	60.90
Prince George's	2	22	16.00	15.60	18	1,174	10,425.00	97.85
St. Mary's	....	.....	.....	.....	4	83	960.00	32.90
Talbot	5	196	3,416.50	11.00	2	3	45.00	.....
Washington	3	450	550.00	88.47	11	600	1,366.00	149.59
Wicomico	5	283	3,190.00	109.25	6	375	2,445.00	64.65
Worcester	8	1,366	3,206.50	287.60	2	83	553.00	17.75
Totals	49	3,193	$15,850.50	$690.32	207	17,452	$76,963.88	$2,148.25

COUNTY	FALL 1922				SPRING 1923			
	No. of Fires	Area	Damage	Cost	No. of Fires	Area	Damage	Cost
Allegany	106	14,933	$20,490.75	$1,948.95	51	10,762	$27,142.70	$984.35
Anne Arundel	4	227	1,275.00	41.00	18	5,081	24,394.00	271.70
Baltimore	4	30	163.00	8.20	13	1,715	3,984.75	60.90
Cecil	4	2,057	192.00	48.40	6	6,905	34,880.00	70.35
Charles	1	4	20.00	6.50	6	698	3,130.00	19.00
Frederick	11	4,440	8.668.00	520.58	21	9,074	21,568.00	1,120.28
Garrett	58	10,158	22,939.25	1,033.20	77	12,360	31,634.61	1,182.80
Harford	1	60	1,000.00	9.80	9	2,518	37,380.00	119.10
Howard	3	5	.....	8.50	1	6	41.00	3.50
Montgomery	....	.....	.....	.....	1	200	900.00	18.10
Prince George's	11	704	298.50	47.20	16	1,642	31,491.00	149.20
St. Mary's	2	300	4,900.00	84.00	3	195	1,370.00	39.85
Talbot	4	107	852.50	67.70	....	.....	.....	.....
Washington	7	1,232	2,309.00	238.08	14	1,906	6,765.00	369.80
Wicomico	....	.....	.....	.....	1	200	1,000.00	16.65
Worcester	....	.....	.....	.....	2	34	145.00	20.50
Totals	216	34,257	$63,108.00	$4,062.11	239	53,296	225,826.06	$4,446.08

TABLE OF FOREST FIRES BY YEARS IN THE COUNTIES.

COUNTY	No. Fires		Acres Burned		Estimated Damage		Cost to Extinguish	
	1922	1923	1922	1923	1922	1923	1922	1923
Allegany	46	157	5,223	25,695	$11,835.13	$47,633.45	$508.35	$2,933.30
Anne Arundel	31	22	3,102	5,308	14,687.00	25,669.00	324.90	312.70
Baltimore	12	17	150	1,745	1,007.00	4,147.75	74.65	69.10
Cecil	5	10	2,660	8,962	23,800.00	35,072.00	80.60	118.75
Charles	10	7	165	702	2,525.00	3,150.00	39.50	25.50
Dorchester	1	.....	200	.....	600.00	.....	53.90	.....
Frederick	12	32	1,224	13,514	3,581.00	30,236.00	278.03	1,640.86
Garrett	64	135	2,822	22,518	6,962.25	54,573.86	490.88	2,216.00
Harford	4	10	130	2,578	270.00	38,380.00	46.20	128.90
Howard	2	4	19	11	174.00	41.00	6.00	12.00
Montgomery	3	1	315	200	1,200.00	900.00	60.90	18.10
Prince George's	20	27	1,196	2,346	10,441.00	31,789.50	113.45	196.40
St. Mary's	4	5	83	495	960.00	6,270.00	32.90	123.85
Talbot	7	4	199	107	3,461.51	852.50	11.00	67.70
Washington	14	21	1,050	3,138	1,916.00	9,074.00	238.06	607.88
Wicomico	11	1	658	200	5,635.00	1,000.00	173.90	16.65
Worcester	10	2	1,449	34	3,759.50	145.00	305.35	20.50
Totals	256	455	20,645	87,553	$92,814.38	$288,934.06	$2,838.57	$8,508.19

CAUSES OF FOREST FIRES BY COUNTIES.

COUNTY	Logging		R. R.		B. B.		Campers		Incen.		Misc.		Unkn'wn		Total	
	'22	'23	'22	'23	'22	'23	'22	'23	'22	'23	'22	'23	'22	'23	'22	'23
Allegany	4	1	5	26	12	16	6	34	8	35	0	4	11	41	46	157
Anne Arundel	0	1	3	0	14	7	3	4	2	3	1	0	8	7	31	22
Baltimore	0	0	5	1	1	5	6	8	0	2	0	0	0	1	12	17
Cecil	0	0	1	6	3	0	1	1	0	1	0	1	0	1	5	10
Charles	1	0	3	3	2	0	1	1	1	1	0	0	2	2	10	7
Dorchester	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Frederick	0	0	2	3	0	3	4	4	3	12	0	3	3	7	12	32
Garrett	1	0	5	10	4	8	1	11	42	61	2	3	9	42	64	135
Harford	0	0	1	2	2	3	1	4	0	0	0	1	0	0	4	10
Howard	0	0	0	2	0	1	2	1	0	0	0	0	0	0	2	4
Montgomery	0	0	0	0	1	0	2	0	0	0	0	0	0	1	3	1
Prince Geroge's	0	0	1	10	11	4	1	6	1	1	1	2	5	4	20	27
St. Mary's	1	0	0	0	3	0	0	1	0	0	0	2	0	2	4	5
Talbot	0	0	1	0	4	0	2	2	0	2	0	0	0	0	7	4
Washington	2	0	5	0	2	0	1	5	1	9	1	0	2	7	14	21
Wicomico	0	0	0	0	6	0	2	0	0	0	0	0	3	1	11	1
Worcester	0	0	1	0	4	0	1	0	0	0	0	0	4	2	10	2
Total	9	2	33	63	70	47	34	82	58	127	5	16	47	118	256	455
P. C. Total	3	1	13	14	20	9	14	18	23	28	2	4	19	26	100	100

NUMBERS AND PERCENTAGE OF FIRES BY FOREST REGIONS.

	1922		1923	
	No.	Per Cent.	No.	Per Cent.
Western Maryland—Frederick, Washington, Allegany, Garrett	136	.53	345	.76
Southern Maryland—Prince George's, Anne Arundel, Charles, Calvert, St. Mary's, Montgomery	68	.27	62	.13½
Piedmont Plateau—Carroll, Howard, Baltimore, Harford, Cecil	23	.09	41	.09
Eastern Shore—Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Worcester, Somerset	29	.11	7	.01½
Totals	256	100	455	100

This table clearly indicates why the majority of our efforts must still be directed to forest protection work in Western Maryland.

FOREST WARDENS

* Wardens with Registered Crews. † Patrolmen on State Forests. ‡Lookout Watchmen.

ALLEGANY COUNTY.

Name.	*Location.*	*Address.*	*Telephone.*
Barnes, Perry	Town Hill	Flintstone	Call Cumberland 4026 F 22
Barton, G. M.	Dan's Mountain	Pinto	Cumberland 4036 F 21
Blubaugh, J. W.	Loartown	Vale Summit	———
*Bodkin, Brook	1 Mi. S. HighRock	Keyser, W. Va.	Keyser 800 F 3
Bridges, A. J.	Near Mt. Savage.	Mt. Savage	Mt. Savage 2 F 4
*Burkey, Thomas	Corriganville	Cumberland	Cumberland 938 J or 4021 F 13
*Davis, Frank B.	Pratt	Flintstone	Cumberland 4005 F 2
Fazenbaker, H. H.	Lonaconing	Lonaconing	Call Lonaconing 117 R
Fletcher, C. A.	Piney Grove	Piney Grove	Call Cumberland 4026 F 3
Frazee, W. LeRoy.	Town Creek	Oldtown R. No. 1	———
Gross, M. L.	Martin's Mt.	Flintstone, R. 2	Cumberland 4011 F 14
Helmstetter, J. J.	Cash Valley	Cumberland, R. D.	Cumberland 4037 F 2
*James, Joseph A.	141 Bonery St.	Frostburg	Frostburg 107-J
*Lambert, L. C.	Stoney Run	Westernport	Call Piedmont 241 J
*Llewellyn, C. E.	Midland	Midland	Lonaconing 800 F 3
Llewellyn, P. P.	Barton	Barton	Call Lonaconing 807 F 13
McCusker, E. C.	Little Orleans	Little Orleans	———
McElfish, D. D.	Shriver Ridge	Cumberland, R. F. D.	Call Cumberland 4015-F 12
Malcolm, J. H.	Town Hill	Paw Paw, W. Va.	———
*Morgan, J. A.	Midlothian	Midlothian	Frostburg 803 F 13

ALLEGANY COUNTY—(Continued).

Name.	*Location.*	*Address.*	*Telephone.*
Morton, James	Frostburg	Frostburg	Frostburg 230
Sheetz, Conrad	Warrior Mt.	Oldtown	Call Cumberland 4009 F 12
Stubbs, R. H.	Warrior Mt.	Oldtown	Cumberland 4009 F 13
Twigg, Edman	Town Creek	Oldtown	Call Green Ridge Orchard Co.
Weir, Walter	Lonaconing	Lonaconing	Avilton 7 F 2
Wentling, B. A.	Nicholas Mt.	Cumberland R. D. 2.	Cumberland 4004 F 32

ANNE ARUNDEL COUNTY.

Best, Hezekiah	Birdsville	Harwood	West River 203 F 11
Dogge, A. H.	Saunders Range.	Glenburnie	Glenburnie 41
Fleischmann, A.	Griffith's Mill.	Odenton R. D. 1.	Call Penna. R. R. at Patuxent
Fraebel, E.	Oakland Station.	Glenburnie	Call Glenburnie 41
Gardner, W. C.	Near Benfield.	Millersville R1.	Call Armiger 9 F 13
Giddings, R.	Gibson Island.	Pasadena	Armiger 8 F 13
Jenkins, L. F.	Rock Point.	Pasadena	Armiger 21 F 4
Johnson, T. W.	Solley	Glenburnie R. D.	Armiger 4 F 2
Lotze, G. A.	Long Hill.	Glenburnie	Armiger 2 F 4
Maynard, J. L.	Gambrills	Gambrills	Annapolis 1804 F 21
Moog, W. H.	Jones	Earleigh Heights.	Call Annapolis 1811 F 11
Ruths, E. G.	Lake Shore	Pasadena	Call Armiger 19 F 2
Shepherd, John.	Bristol	Bristol	West River 24 F 6
Stewart, J. A.	Severna Park.	Boone	Severna 39 J
Yockel, Edward.	Benfield	Millersville	Call Glenburnie 23 F 11

BALTIMORE COUNTY.

Brown, Clinton G. G.	Oella	Ellicott City, R. F. D.	Ellicott City 195 J
Cooney, Frank.	Thistle	Ilchester	Call Catonsville 544 W
Boring Vol. Fire Co.	Boring	Boring	
Harris, W. R.	Glyndon	Glyndon	Call Reisterstown 39 R
Pearce, J. H.	Monkton	Monkton	Cockeysville 101 F 12
Peddicord, John.	Oella	Ellicott City.	Call Ellicott City 122
Shipley, Roger.	E. Timonium.	Timonium	Towson 363 W

CECIL COUNTY.

Balderston, L. H.	Colora	Colora	Rising Sun 143 H
Futty, John.	Elk Neck.	North East R 3.	North East 17 F 12
Puschell, Charles.	North East.	North East.	Call North East 45 F 2
Strahorn, H. W.	Fair Hill.	Elkton	Elkton 208 F 2

CHARLES COUNTY.

Name.	*Location.*	*Address.*	*Telephone.*
Bailey, J. Reed	Wicomico	Wicomico	Call La Plata 14 F 12
Burch, Jesse C	Waldorf	Waldorf	Call Brandywine 10 F 13
*Chapman, J. G	Newton	Spring Hill	———
Compton, B. B	Pisgah	Pisgah	———
Cramer, C. H	Faulkner	Faulkner	La Plata 14 F 13
Linton, S. C	Holly Spgs. Farm.	Riverside	———
Moore, V. A	White Plains	White Plains	La Plata 19 F 2
Murphy, R	Pomonkey	Pomonkey	Call Brandywine 15 F 4
Roby, S. D	S. of White Plains.	White Plains	La Plata 19 F 3
Swann, R. Smith	Port Tobacco	Port Tobacco	———
Turner, T. S	Malcolm	Malcolm	Call Brandywine 17 F 32

FREDERICK COUNTY.

*Andrews, G. W	Eyler Valley	Emmitsburg	Call Emmitsburg 48 F 3
Benner, William	Catoctin Furnace.	Thurmont	Thurmont 44 F 21
‡Bussard, S. P	Lantz	Lantz	Smithsburg 37 F 22
Carroll, William	Mt. St. Mary's Col.	Emmitsburg	Emmitsburg 9
Delauter, James	Sands Flat	Smithsburg R. F. D.	———
*Easterday, A. J	Wolfsville	Myersville R 2	Myersville 22 F 3
Feaga, E. B	Indian Springs	Frederick, R. D.	Call Frederick 855 F 4
Funk, C. F. Walter	Park Mills	Adamstown	Buckeystown 43-4
Hauver, A. L	Foxville	Lantz	Smithsburg 11 F 14
*Klein, C. Cyril	Frederick	Frederick	Frederick 1854 F 2
*Lewis, L. T	Middlepoint	Smithsburg, R. F. D	Myersville 25 F 13
Miller, Lewis	Bolivar	Middletown	Middletown 44 F 4
*Moss, Sylvester	Yellow Springs	Frederick, R. D. 6	Frederick 830 F 31
Myers, Harry L	Point of Rocks	Point of Rocks	Buckeystown 47-13
Poole, C. E	Sugar Loaf Mt.	Barnesville	Buckeystown 52-11
Recher, John L	Near Thurmont	Thurmont	Thurmont 4-0 J
Wallace, J. J	Burkittsville	Burkittsville	Brunswick 130-22
Willard, G. A	Catoctin Fur. Cr.	Smithsburg	———

GARRETT COUNTY.

Arnold, Silas	Dobbin	Gormania, W. Va	Call Eglon Mutual Switch
Barnard, E. A	Walnut Bottom	Swanton	———
*Barnard, W. H	Chestnut Hill	Bloomington	———
Beachy, E. A	Grantsville	Grantsville	Call Keyser Ridge Mutual
Biggs, J. W	Wilson	Gormania, W. Va	Call Eglon Mut. Arnold Switch
Bowman, S. L	Thayerville	Oakland, Box 26	———
Bray, L. C	Kitzmiller	Kitzmiller	Call Kitzmiller 5
Broadwater, C. R.	Bittinger	Bittinger	Bittinger Mutual
Broadwater, G. W.	New Germany	New Germany	Call New Germany Store

FIG. 1. DESOLATION.

The results of improper logging and fire. Maryland has too many thousands of acres like this.

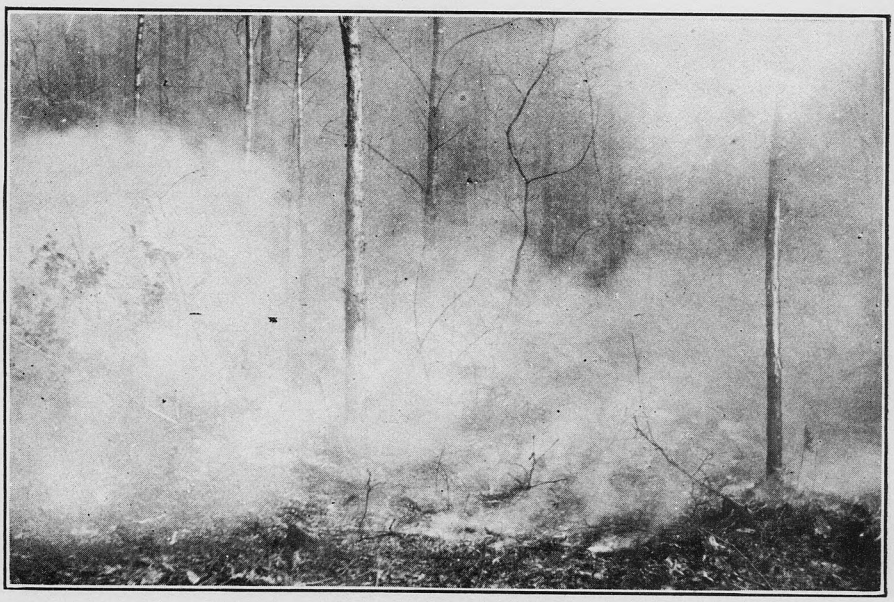


FIG. 2. SURFACE FIRE.

Forest cover destroyed, young trees killed and even the large trees injured, all because of a careless hunter or camper.

CHARLES COUNTY.

Name.	*Location.*	*Address.*	*Telephone.*
Bailey, J. Reed	Wicomico	Wicomico	Call La Plata 14 F 12
Burch, Jesse C.	Waldorf	Waldorf	Call Brandywine 10 F 13
*Chapman, J. G.	Newton	Spring Hill	———
Compton, B. B.	Pisgah	Pisgah	———
Cramer, C. H.	Faulkner	Faulkner	La Plata 14 F 13
Linton, S. C.	Holly Spgs. Farm.	Riverside	———
Moore, V. A.	White Plains	White Plains	La Plata 19 F 2
Murphy, R.	Pomonkey	Pomonkey	Call Brandywine 15 F 4
Roby, S. D.	S. of White Plains.	White Plains	La Plata 19 F 3
Swann, R. Smith	Port Tobacco	Port Tobacco	———
Turner, T. S.	Malcolm	Malcolm	Call Brandywine 17 F 32

FREDERICK COUNTY.

*Andrews, G. W.	Eyler Valley	Emmitsburg	Call Emmitsburg 48 F 3
Benner, William.	Catoctin Furnace.	Thurmont	Thurmont 44 F 21
‡Bussard, S. P.	Lantz	Lantz	Smithsburg 37 F 22
Carroll, William.	Mt. St. Mary's Col.	Emmitsburg	Emmitsburg 9
Delauter, James.	Sands Flat	Smithsburg R. F. D.	———
*Easterday, A. J.	Wolfsville	Myersville R 2	Myersville 22 F 3
Feaga, E. B.	Indian Springs.	Frederick, R. D.	Call Frederick 855 F 4
Funk, C. F. Walter.	Park Mills	Adamstown	Buckeystown 43-4
Hauver, A. L.	Foxville	Lantz	Smithsburg 11 F 14
*Klein, C. Cyril	Frederick	Frederick	Frederick 1854 F 2
*Lewis, L. T.	Middlepoint	Smithsburg, R. F. D	Myersville 25 F 13
Miller, Lewis.	Bolivar	Middletown	Middletown 44 F 4
*Moss, Sylvester.	Yellow Springs.	Frederick, R. D. 6.	Frederick 830 F 31
Myers, Harry L.	Point of Rocks.	Point of Rocks	Buckeystown 47-13
Poole, C. E.	Sugar Loaf Mt.	Barnesville	Buckeystown 52-11
Recher, John L.	Near Thurmont.	Thurmont	Thurmont 4-0 J
Wallace, J. J.	Burkittsville	Burkittsville	Brunswick 130-22
Willard, G. A.	Catoctin Fur. Cr.	Smithsburg	———

GARRETT COUNTY.

Arnold, Silas.	Dobbin	Gormania, W. Va.	Call Eglon Mutual Switch
Barnard, E. A.	Walnut Bottom.	Swanton	———
*Barnard, W. H.	Chestnut Hill.	Bloomington	———
Beachy, E. A.	Grantsville	Grantsville	Call Keyser Ridge Mutual
Biggs, J. W.	Wilson	Gormania, W. Va.	Call Eglon Mut. Arnold Switch
Bowman, S. L.	Thayerville	Oakland, Box 26.	———
Bray, L. C.	Kitzmiller	Kitzmiller	Call Kitzmiller 5
Broadwater, C. R.	Bittinger	Bittinger	Bittinger Mutual
Broadwater, G. W.	New Germany.	New Germany.	Call New Germany Store

FIG. 1. DESOLATION.

The results of improper logging and fire. Maryland has too many thousands of acres like this.

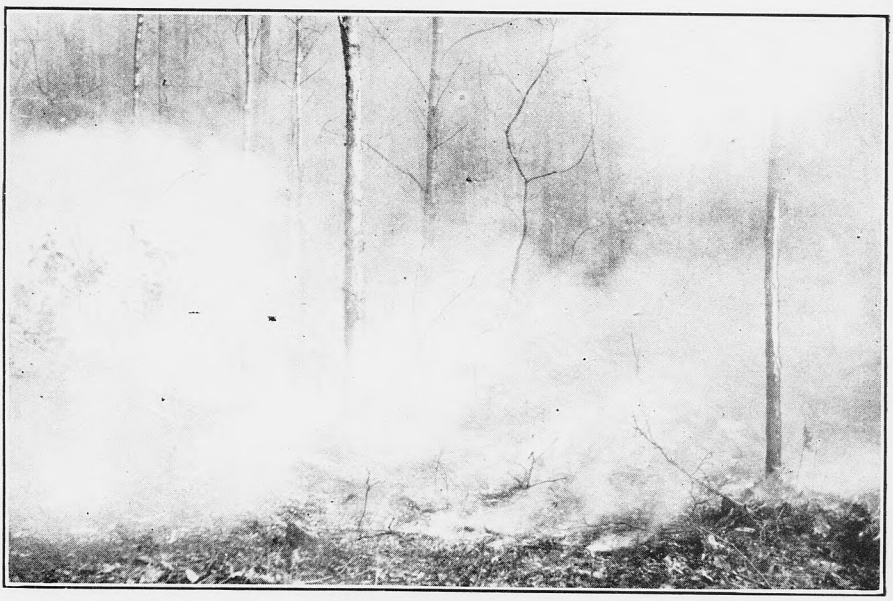


FIG. 2. SURFACE FIRE.

Forest cover destroyed, young trees killed and even the large trees injured, all because of a careless hunter or camper.

GARRETT COUNTY—(Continued).

Name.	*Location.*	*Address.*	*Telephone.*
Chisholm, Arthur...	Friendsville	Friendsville	Call Oakland 113 F 23
Detrick, Mahlon....	Friendsville	Friendsville	———
Ferguson, W. H....	Elder Hill.....	Friendsville	Call Oakland 113 F 22
Folk, C. J.....	Keyser Ridge.....	Accident	Keyser Ridge Mutual
Fresh, David.....	Negro Mt.....	Bittinger	Call Chris Ondorf Mut. Tel. Co.
Friend, J. G.....	Swanton	Swanton	———
Friend, S. E.....	Winding Ridge..	Friendsville, Box 81.	Call Oakland 113 F 14
Gloofelty, J. C.....	Rock Lodge.....	McHenry	Oakland 55
Green, F. W.....	Bittinger	Swanton	Bittinger Mutual
Hartman, John A..	Accident	Accident	Call Exchange—Accident and Bittinger Mutual Co.
Harvey, A. Scott...	Short Run.....	Kitzmiller	Call Kitzmiller 11
Harvey, Tilden R...	Eagle Rock.....	Deer Park.....	Kitzmiller Mutual
Harvey, Wesley....	Fairview	Gormania, W. Va....	Eglon Mutual
Herman, John W...	Swanton	Swanton	———
*Herman, J. H.....	Barnum	Barnum, W. Va.....	———
Humbertson, Frisbee	Asher's Glade....	Asher's Glade.....	———
Jenkins, J. A.....	Morris Hill.....	Grantsville	Call New Germany Central 1-11
Knox, C. H.....	Vindex	Vindex	———
Mellott, M. G.....	Hutton	Hutton	Oakland 147-F 2
Merrill, John A.....	Merrill	Merrill	Call Avilton Mutual
*Michael, Peter F...	Big Savage.....	Barton	———
Michael, W. A.....	Bloomington	Westernport	———
‡Oester, A. J.....	Bittinger	Bittinger	Call Mut. Tel. Bittinger Switch
Robeson, E. O.....	Avilton	Lonaconing	Call Avilton Mutual 111
Rounds, Floyd C...	Merrill	Lonaconing	Call Jonas Broadwater
Ryman, M. K.....	Jennings	Jennings	Bittinger Mutual
Savage, Sherman G.	Sang Run.....	Sang Run.....	Call Oakland 113 F 13
Sims, James H.....	Allegany Hts.....	Mt. Lake Park.....	Oakland 33 F 42
Sims, R. A.....	Sunny Side.....	Oakland R. F. D. 1..	Eglon Mutual
†Sines, A. L.....	Herrington Manor.	Oakland	Oakland 164 F 2
Sines, Elijah.....	District No. 2....	Friendsville	———
‡Sines, Jonas W.....	Swallow Falls....	Oakland	Oakland 164 F 11
Sloan, G. E.....	Deep Creek.....	McHenry	———
Soelter, Ernest.....	Deer Park.....	Deer Park.....	Oakland 58
Steyer, W. T.....	Stoyer	Stoyer	Oakland 65 F 31
*Tasker, Michael....	Tasker's Corner..	Deer Park.....	Oakland 48 F 12
Teets, Earl F.....	Lake Ford.....	Cranesville, W. Va..	Terra Alta 1 long ring & 2 short
*Tichnell, Delbert...	Bloomington	Bloomington	———
*Tichnell, G. W.....	Mt. Zion Church..	Swanton	———
Uphold, W. M.....	White Rock.....	Friendsville R. F. D.	———
Wilson, D. W.....	Wilson	Wilson, W. Va.....	Eglon Mutual

HARFORD COUNTY.

Name.	*Location.*	*Address.*	*Telephone.*
Hill, John E	Dublin	Darlington, R. D. 2.	Call Darlington 6-F-4
Johnson, R. K	Joppa	Joppa	Call Wilna 4-F-12
Wilson, Josias	Kalmia	Bel Air	Bel Air 800-F-11

HOWARD COUNTY.

Hanson, Leroy R.	Ellicott City	Ellicott City	Ellicott City 249-W
Ledbetter, W. S.	Chestnut Hill	Ellicott City	Ellicott City 249 R
Nichols, T. Guy	Highland	Brookville, R. D.	Ellicott City 43-F-2
Prince, David	Ilchester	Ilchester	Catonsville 544 J
†Prince, E. G.	Ilchester	Ilchester	Catonsville 544 J
Weber, Charles	River Road	Relay	Elkridge 17

KENT COUNTY.

Hoopes, R. D.	Fairlee Creek	Worton	Chestertown 817-F-12

MONTGOMERY COUNTY.

Bender, Victor H.	Silver Spring	Silver Spring	Woodside 27-J
Brooks, W. A.	Cropley	Cropley	
Etchison, J. M.	Gaithersburg	Gaithersburg	Gaithersburg 37-J
Ruble, E. K.	Poolsville	Poolsville	Poolsville 8-F-13
Thomas, A. M.	Sugar Loaf Mt.	Dickerson	Buckeystown 48-F-5

PRINCE GEORGE'S COUNTY.

Benton, W. H.	Hyattsville	Hyattsville	Call Hyattsville 25-W
Bewley, G. P.	Berwyn	Berwyn	
Brady, H. B.	Aquasco	Aquasco	Brandywine 12-F-3
Friedrich, Franz T. E.	Riverdale	Lanham	Call Hyattsville 311-W
Lammers, George	Laurel	Laurel	Laurel 153-F-3
Perkins, E. E.	Springfield	Springfield	Bowie 39-W
Pyle, J. B.	Reform School	Cheltenham	Brandywine 11-F-6
Snowden, John	Duval Bridge	Laurel	
Underwood, M. L.	Sharpesville	Waldorf R. D. 1	Brandywine 16-F-15

ST. MARY'S COUNTY.

Name.	*Location.*	*Address.*	*Telephone.*
*Brown, Rudolph	Chingville	Leonardtown	Leonardtown 10-F-14
Curry, John R.	Harper's Cor	Helens	Mechanicsville 25-F-22
Davis, Joseph L.	Charlotte Hall	Charlotte Hall	Mechanicsville 33-F-12
Jones, Harry M.	Leonardtown	Leonardtown	Leonardtown 2-R
King, Dr. J. O.	Ridge	Ridge	Great Mills 4-F-4
Miles, J. Neale.	Cedar Point	Pearson	Great Mills 8-F-32
McKay, J. Roland.	Valley Lee	Valley Lee	Call Leonardtown 33-J
*Overholser, Ora.	Oakville	Mechanicsville	Call Leonardtown 38-F-3

TALBOT COUNTY.

Howeth, W. F.	Wittman	Wittman	St. Michaels 68-F-3

WASHINGTON COUNTY.

*Brunner, Chas. D.	Pondsville	Smithsburg	Call Smithsburg 6 F 2
*Coulter, Milton S.	Yarrowsburg	Weeverton	Call Keedysville 9 F 12
Eichelberger, Jacob.	Blairs Valley	Clear Spring	Call Clear Spring 21 F 3
Exline, B. Hayes.	Exline	Hancock	Hancock 2 F 4
*Faulder, C. H.	Mt. Lena	Boonsboro R1	Hagerstown 4091 F 22
Fulton, A. J.	Millstone	Millstone	Hancock 33 F 11
Gehr, Raymond.	Mt. Carmel	Big Pool	Call Big Pool 10 F 22
Green, Daniel H.	Appletown	Boonsboro	Keedysville 25 F 12
Hull, B. Z.	Moorsville	Big Pool	
Johnson, R.	Indian Springs	Big Pool	Call Clear Spring 40 F 3
Keller, James R.	Dargan	Harper's Ferry, W. Va.	Keedysville 42 F 2
Kindall, Vernon.	Euclid	Lantz	Call Smithsburg 44 F 13
McClain, L. C.	Edgemont	Edgemont	Call Smithsburg 26 F 11
Norris, George.	Sideling Hill Mt.	Hancock	Call Hancock 2 F 5
Smith, Charles L.	Clear Spring	Clear Spring	Clear Spring 43 F 3
Sowers, M. L.	Ft. Hearthstone Mt.	Big Pool	

WICOMICO COUNTY.

Holloway, D. J.	Shauvoix	Parsonburg, R. R. L.	Salisbury 1851 F 21
Jones, John W.	Salisbury	Salisbury, R. F. D. 4.	Salisbury 1812 F 22

WORCESTER COUNTY.

Babcock, D. W.	Berlin	Berlin	
Perdue, E. W.	Colburne	Snow Hill R. R. 2.	Snow Hill 44 F 11
Shockley, John M.	St. Lukes	Eden	Call Salisbury 1844 F 21

FINANCIAL STATEMENT

1922

Receipts (October 1, 1921, to September 30, 1922):		
State Treasurer	$32,682.63	
Nursery Stock	1,563.70	
Woodlot Work (travel)	182.26	
State Reserves	640.46	
Reimbursement Fire Expenses	1,132.35	
Other Sources	602.86	
	$36,804.26	
Interest Farmers and Merchants Bank	49.87	
		$36,854.13
Expenditures (October 1, 1921, to September 30, 1922):		
Salaries and Wages	$17,391.43	
Rent	1,200.00	
Postage	423.91	
Office Supplies	594.78	
Printing	333.00	
Books and Periodicals	167.67	
Seeds and Trees	520.13	
Telephone and Telegraph	285.96	
Freight and Express	144.30	
Insurance	74.45	
Travel	1,836.23	
Forest Fire	6,102.08	
Maintenance of Automobiles	1,501.51	
Building	265.65	
Office Equipment	460.71	
Field Equipment	669.56	
Nursery	279.25	
Improvement of Reserves	734.87	
Forest Reserve	978.69	
Receipts to State Treasurer	2,954.72	
		$36,918.00
Deficit September 30, 1922		—$64.77

1923

Deficit October 1, 1922		—$64.77
Receipts (October 1, 1922, to September 30, 1923):		
State Treasurer	$36,577.92	
Nursery Stock	852.20	
Woodlot Work (travel)	414.32	
State Reserves	84.77	
Reimbursement Fire Expenses	756.01	
Other Sources	1,770.16	
	$40,455.38	
Interest Farmers and Merchants Bank	51.62	
		$40,507.00
Expenditures (October 1, 1922, to September 30, 1923):		
Salaries and Wages	$24,067.88	
Rent	1,200.00	
Postage	400.00	
Office Supplies	400.00	
Printing	1,119.42	
Office Expense	150.00	
Telephone and Telegraph	477.08	
Office Equipment	301.55	
Traveling Expenses	2,405.91	
Freight and Express	79.93	
Insurance	26.00	
Seeds and Trees	750.00	
Maintenance of Automobiles	1,253.24	
Field Equipment	2,087.77	
Forest Reserve	1,677.88	
Receipts to State Treasurer	4,022.20	
		$40,418.86
Balance October 1, 1923		$23.37

APPENDIX

PROTECTING WOODLANDS FROM TRESSPASSERS.

There is a feeling, common to many people, that anything which grows wild in the woods is public property and, therefore, free to anyone. This lack of respect for private property has been responsible for much vandalizing, especially at Christmas time, in the unlawful taking of evergreens from along and near roadsides. To stop this abuse, the Legislature of 1918 enacted a law for the protection of trees, shrubs, vines, flowers, moss and turf, the violators of which are subject to a fine of $25 and 90 days' imprisonment.

While the Forestry Department is not specifically authorized with the enforcement of this law it is particularly interested in its enforcement in order to preserve the products of the forest to the owner, as an additional source of income from such lands, and thus promote the practice of forestry as a profitable enterprise. There is, also, the very obvious reason of enforcing the law for preserving the beauty of the roadside and adjoining lands.

The law is being more fully enforced each year as it becomes better known, and as the value of trees, shrubbery and ornamental plants are more fully appreciated.

Each year the Department of Forestry furnishes many thousands of warning notices to be posted by property owners and others interested, in order that the law may be better understood.

A few weeks before Christmas each year the attention of state and county police officers is called to this law and the need of its enforcement to prevent vandalism of Christmas trees and Christmas greens.

Very satisfactory cooperation has been secured in many cases from the state police and from sheriffs and other county officers, which it is gratifying to acknowledge here.

PROTECT

TREES AND SHRUBS

THE MARYLAND LAW

(Chapter 179, Acts 1918)

Makes it a MISDEMEANOR PUNISHABLE by a $25 FINE or 90 DAYS IMPRISONMENT OR BOTH for anyone to Remove, Injure or Destroy any Tree or Shrub from the lands of another Without the Written Consent, or Personal Direction, of the owner.

MARYLAND STATE DEPARTMENT OF FORESTRY

WOODLAND EXAMINATIONS.

Date. 1921.	Owner.	Address.	Location.	No. Acres.
Oct. 18	W. B. Bowie	Landover	Largo	40
" 19	Miss B. C. Saunders	Washington, D. C.	Lanham	5
Nov. 2	M. G. Metz	Duley	Duley	25
" 2	Gwyn & Edelan	Tippett	Tippett	50
" 15	H. D. Clark	Sparks	Butler	50
" 22	E. M. Moore	Westover	Westover	1,600
" 25	J. H. A. Price	Middleburg	Middleburg	30
Dec. 15	Mt. Lake Park Assn	Mt. Lake Park	Mt. Lake Park	800
" 16	Dimeling & Bloom	Clearfield, Pa.	Garrett County	9,000
1922				
Jan. 4	E. W. Mollaham	Rockville	Rockville	110
" 4	Henry Beard	Rockville	Norbeck	85
" 4	E. L. Scott	Silver Spring	Layfield	15
" 19	Reformed Church	Westminster,R.F.D.	Silver Run	5
" 20	W. P. Hornes	Forest Hill	Water Vale	25
" 31	Md. School for Boys	Loch Raven	School for Boys.	150
Feb. 16	Gladfelter Pulpwood Co.	Baltimore	Glendale	
Mar. 7	Herndon Peach	Mitchelville	Mullikin	15
" 9	Dr. A. C. Christie	Sandy Springs	Sandy Springs	60
" 9	Milton Bancroft	Sandy Springs	Sandy Springs	20
" 9	William Dulin	Preston	Preston	45
" 21	F. L. Wight	Glen Arm	Harford road	45
" 25	Miss Welden	Emmitsburg	Friends Creek	12
Apr. 6	Adams	Clarksville	Clarksville	45
" 6	Dr. S. O. Nichols	Dayton	Dayton	35
" 19	Dr. Metzerott	Washington	Berwyn	200
May 1	F. F. Nicola	Pittsburgh	Thayerville	5,000
" 1	Mrs. Hamilton	Pittsburgh	Thayerville	30
" 13	W. C. Ehrhardt	Washington, D. C.	Brookland,R.F.D.	130
" 16	Miss Brown	Brighton	Brighton	30
" 19	Lewis Stockton	Glencoe	Glencoe	13
June 1	Pasadena School	Pasadena	Pasadena	2
" 20	Dr. Whitham	Baltimore	Towson	60
" 23	F. W. Brown	Philadelphia, Pa.	Highland	30
July 19	Mrs. Emma O. Benson	Princess Anne	Princess Anne	25
" 19	Mr. O. W. Norquist	Pocomoke	nr. Cokesbury	80
" 19	G. A. Widdowson	Westover	Westover	20
" 22	Mr. J. A. Looghborough	Bethesda	Tanallytown	10
" 30	Hall & Whitlock	Hancock	Hancock	400
Aug. 7	Consolidation Coal Co.	Frostburg	Georges Creek	9,000
" 18	J. M. Griffith	Gaithersburg	nr. Laytonsville	70
Sept. 6	Sleeman Bros.	Frostburg	Avilton	90
" 16	Mrs. Helen Brun	Baltimore	Stoney Creek	30

WOODLAND EXAMINATIONS—(Continued)

Date.	Owner.	Address.	Location.	No. acres.
1922.				
" 19	Mrs. Carrie Denmead	S. Towson	Regis.&Walter av.	11
" 20	Miss Price	Cockeysville	Cockeysville	10
" 20	J. B. Gleason	Bel Air	Kelmia	70
" 20	T. W Lockary	Bel Air	Kelmia	4
" 20	Miss Martha Rutledge	Fallston	Upper Cross Rds.	30
" 23	George Maynard	Rockville	Rockville	45
Oct. 3	Dr. J. A. MacGruder	Annapolis	Hockley	120
" 5	Edgenton Home	Baltimore	Baltimore	4
" 25	R. S. Blant	Trappe	Trappe	50
" 26	Owen Caulk	Trappe	Trappe	60
" 27	J. B. Parrott	Trappe	Trappe	20
" 27	R. Heber Ritte	Trappe	Trappe	60
" 28	H. N. Spring	Trappe	Trappe	40
Nov. 10	Miss Mary E. W. Risteau	Forest Hill	Cooptown	75
" 14	E. H. E. Thieroff	Preston	Preston	150
" 15	S. Reed	Cambridge	Cambridge	5
Dec. 4	Charles F. Fisher	Salisbury	Princess Anne	70
" 4	L. H. Sudler		Rd. to Fairmount	50
" 5	W. A. Cottman	Princess Anne	E. Pr. Anne Dist.	50
" 6	J. T. Marriner	Princess Anne	E. of Pr. Anne	45
" 5	N. W. C. Gibbons	Princess Anne	E. of Pr. Anne	30
" 5	Israel Kauffman	Westover	Below Green Hill	40
" 5	Albert Sudler	Westover	Fairmount	6
" 5	H. H. Gibbons	Princess Anne	E. of Pr. Anne	30
" 7	L. F. Widdowson	Westover	Westover	15
" 7	J. E. Sudler	Westover	Westover	50
" 7	P. O. Hudson	Kingston	Stone Rd. Westover to Marion.	30
" 8	C. E. Barnett	Princess Anne	Deals Island Rd.	50
" 8	M. O. Baltz	Princess Anne	Deals Island Rd.	55
" 8	Bert Dryden	Princess Anne	Princess Anne	20
" 8	Stewart Fitzgerald	Princess Anne	Deals Island Rd.	55
" 8	S. F. Miller	Princess Anne	Nr. Kings Creek.	100
" 8	Dr. W. W. Thompson	Washington, D. C.	Largo	40
" 9	Hartwell Tucker	Anacostia, D. C.	Anacostia	70
" 15	William Roes	Owings Mills	Owings Mills	25
" 15	J. H. Arndt	Owings Mills	Harrisonville	70
1923				
Jan. 5	Bowie Estate	Landover	Glendale	135
" 16	T. M. Dinsmore	Baltimore	Middle River	40
" 16	M. Rothschild	Baltimore	Green Spring av.	6
" 17	Miss Bishop	Washington	Williamsport	100
" 18	H. B. Cullen	Marion	nr. Kensington	160

WOODLAND EXAMINATIONS—(Continued)

Date. 1923.	Owner.	Address.	Location.	No acres.
" 18	George M. Dowell	Westover	Westover	100
" 19	Conrad Reid	Port Deposit	Port Deposit	135
" 19	J. E. Hartman	Westover	Nr. Green Hill	122
" 19	P. E. Twining	Princess Anne	Deals Island Rd.	100
" 19	Grant Mahan	Rehoboth	Rehoboth	300
" 29	C. H. Bowman	Camp Meade	Camp Meade Jct.	400
Feb. 5	F. D. Mitchell	Glencoe	Glencoe	20
" 6	T. O. Griffith	Washington Grove	Poolesville	80
" 16	E. H. Gardinier	Clinton	Clinton	100
Mar. 3	McDonogh School	McDonogh	McDonogh	400
Apr. 20	V. Bowman	McHenry	McHenry	45
May 10	Mrs. D. F. Shamberger	Baltimore	Shamberger	120
" 10	Mrs. Coad	Leonardtown	Porto Bello	100
" 11	Mrs. Gilbert	Doncaster	Doncaster	140
" 16	Carroll Powers	Jessup	Guilford	60
" 18	William Talbot	Dayton	Dayton	90
June 6	Sprinkle	Rockville	Scotland	20
" 9	James Easter	Baltimore	W. of Owings Mills	60
" 25	Mrs. R. A. Wilson	Wittman	W. of Shell Rd.	20
" 25	H. Kellerman	Wittman	S. of Wittman	5
" 25	H. Herman	Philadelphia	2 Mi. S. of Sherwood	30
Aug. 8	Mr. T. J. Handy	Marion Station	½ Mi. S. of Marion	100
Sept. 25	Henry Orem	Cambridge	3 Mi. S.-W. Cambridge	100

Total number of examinations, 106. Total number of acres..32,230

MARKINGS.

1921.				
Nov. 7	Dr. E. E. Tull	Princess Anne	Loretto	500
1922.				
Jan. 4	W. J. Dickey & Sons	Oella	Oella	750
" 18	State Dept. of Forestry	Baltimore	Oella	100
Feb. 23	W. H. Beard	Rockville	Norbeck	80
Mar. 9	Dr. C. C. Christie	Sandy Springs	Sandy Springs	60
May 13	Dr. J. E. Deetz	Clarksburg	Clarksburg	25
" 15	W. P. Teele	Washington, D. C.	Silver Spring	20
" 19	Lewis Stockton	Glencoe	Glencoe	13
" 31	Dr. McDivit	Long Green	Long Green	50
Sept. 25	F. W. Brown	Philadelphia	Highland	30
" 27	Dr. Barnes	Baltimore	Oakland Mills	60
Oct. 28	H. N. Spring	Trappe	Trappe	40
Nov. 18	W. Beall Bowie	Largo	Largo	30

MARKINGS—(Continued)

Date.	Owner.	Address.	Location.	No. acres.
1923.				
Jan. 3	Dr. W. W. Thompson	Washington, D. C.	Largo	30
May 14	W. Beall Bowie	Largo	Largo.	75
Total number of markings, 15.			Total number of acres	1,863

ESTIMATES.

1922.				
Jan. 4	W. J. Dickey & Sons	Oella	Oella	750
Aug. 18	J. M. Griffith	R.F.2, Gaithersburg	Nr. Laytonsville	70
1923.				
Jan. 5	Bowie Estate	Landover	Glendale	135
Total number of estimates, 3.			Total number of acres	955

PLANTING PLANS.

1922.				
Apr. 18	V. Bowman	McHenry	McHenry	15
" 22	E. L. Scott	Silver Spring	Layhill	2
Sept. 22	W. H. DeC. Wright	Jacksonville	"The Manor"	8
Dec. 8	G. W. Kemp	Princess Anne	Deals Island	55
Total number of planting plans, 4.			Total number of acres	80

PLANTINGS.

Date.	Name.	Address.	Location.	No. Trees.	No. Acres.
1921.					
Apr. 10	State Forests		Orange Grove	1,500	1½
Oct. 21	State Forests		Ilchester	200	¼
" 21	State Forests		Ilchester	200	¼
1922.					
Apr. 17	Milton Bancroft	Sandy Spring.	Sandy Springs	3,100	2½
" 17	State Sanatorium	State Sanator.	State Sanatorium	2,000	2
" 18	M. Stabler	Ashton	Brighton	8,000	6½
" 28	F. F. Nicola	Pittsburgh	Oakland	22,500	35
" ..	State Forests		Glenartney	2,000	2
" ..	State Forests		Vineyard	1,000	1
1923.					
Apr. 4	C. F. Chandler	Snow Hill	Between Snow Hill and Pocomoke	3,600	3
Apr. 12-17	Standley Evans	Elkton	Bohemia River	3,000	3
Apr. 10-19	F. F. Nicola	Pittsburgh	Rock Lodge	26,000	22
Total number of plantings, 12.			Total number of trees	73,100	79

LECTURES

Date. 1921.	Location.	Under Auspices.
Oct. 12	Bozman	*Bozman School.
" 19	Tilghman	*Tilghman High School.
" 20	St. Michaels	*St. Michael's High School.
Dec. 7	Princess Anne	*Princess Anne Grange.
" 9	Denton	*Methodist Protestant Church.
1922.		
Jan. 3	Rockville	*Farmers Club.
" 9	Baltimore	*Park School.
" 10	Baltimore	*North Avenue Baptist Church.
" 12	Baltimore	*Maryland Forestry Association.
" 17	Westminster	*Parent-Teachers' Association.
" 18	Silver Run	*Parent-Teachers' Association.
" 19	Westminster	*High School.
" 19	New Windsor	*Blue Ridge College.
Feb. 3	Baltimore	*Teachers' Training School.
" 10	Waverly	*Waverly Presbyterian Church.
" 10	Baltimore	*Knights of Columbus.
" 14	Baltimore	*League of Women Voters.
Mar. 1	Preston	*Preston Grange.
" 2	Cambridge	*Episcopal Church.
" 2	Hagerstown	*Civic League.
" 2	Hurlock	*Hurlock High School.
" 2	Baltimore	*St. Mark's Lutheran Church.
" 3	East New Market	*East New Market High School.
" 5	Brighton	*Brighton Grange.
" 6	Highland	*Highland Grange.
" 17	Baltimore	*Pratt Library, Branch 14.
" 20	Baltimore	*Pratt Library, Branch 22.
" 21	Cumberland	*Forest Wardens' Conference.
" 23	Hagerstown	*Forest Wardens' Conference.
" 24	Friends Creek	*Friends Creek School.
" 24	Sabillasville	*Sabillasville High School.
" 24	State Sanatorium	*State Sanatorium.
" 25	Westphalia	*Community Club.
" 27	Baltimore	*Pratt Library, Branch 21.
Apr. 10	Baltimore	Junior High School No. 1.
" 10	Baltimore	*School No. 22.
" 11	Wolfsville	*Wolfsville School.
" 11	Pinto	*Potomac Valley Community Club.
" 12	Union Grove	*Community Club.
" 13	Rush	*Marley Grove Community Club.
" 17	Centreville	*Men's League of Centreville.

LECTURES—(Continued)

Date.	Location.	Under Auspices.
1922.		
May 2	Baltimore	*Cooperative Society.
" 5	Baltimore	Sorosis Club.
" 6	Lutherville	*Patrons Club.
" 9	Baltimore	Just Government League.
" 10	Brooklandwood Farm	*Balto. Co. Volunteer Firemen's Assn.
" 11	Colora	*Colora School Impr. Assn.
" 11	Cheltenham	*Cheltenham Grange.
" 22	Baltimore	*School No. 76.
" 25	Baltimore	Roland Park Women's Club.
July 20	Kingsville	*Kingsville Church.
Aug. 8	Dayton	*Dayton Farmers.
Sept. 29	Westphalia	*Community Club.
Oct. 12	Lauraville	*Lauraville Improvement Association.
" 20	McDonogh	*McDonogh School.
" 30	Towson	*State Normal School.
Nov. 3	Catonsville	*Catonsville Garden Club.
" 10	Cooptown	*Farmers' Club.
" 13	Baltimore	*Florist Club.
" 16	Williams	*Community Club.
" 17	Newark	*Community Club.
" 27	Towson	*State Normal School.
Dec. 1	Baltimore	*Epworth M. E. Church.
" 8	Princess Anne	*Princess Anne Grange.
" 11	Baltimore	*First Methodist Church.
" 13	Baltimore	*Garden Club.
" 15	Baltimore	*College Club.
" 18	Towson	*State Normal School.
" 18	Baltimore	*School No. 59.
" 21	Baltimore	*Woman's Democratic League.
1923.		
Jan. 16	Baltimore.	*College Club.
" 16	Baltimore	Men's Club First Presbyterian Church.
" 17	Princess Anne	*Parent and Teachers' Association.
" 18	Princess Anne	Princess Anne High School.
" 23	Perry Hall	*Perry Hall Improvement Association.
" 24	Baltimore	*Wanderlusters.
" 24	Baltimore	Engineers' Club.
" 25	Baltimore	*Hopkins Nurses' Association.
Feb. 9	Preston	*Improvement Association.
" 14	Baltimore	*Park School.
" 22	Baltimore	*Arundel Club.

LECTURES—(Continued)

Date. 1923.	Location.	Under Auspices.
Feb. 28	Baltimore	*Garden Club.
Mar. 8	Washington, D. C.	*Society of American Foresters.
" 12	Baltimore	*St. Andrew's Church.
" 19	Baltimore	*Hardy Garden Club.
" 20	Frederick	*Civic Club.
" 20	Frederick	*Hood College.
" 24	Baltimore	*First Methodist Episcopal Church.
" 29	Sykesville	*Women's Club.
Apr. 5	Baltimore	*Parent-Teachers' Association.
" 6	Baltimore	School No. 22.
" 6	Baltimore	*Teachers' Training School.
Sept. 5	Camp Linstead	Baltimore Council Boy Scouts.
" 14	Pocono Manor, Pa.	*Pocono Manor Protective Assn.

*Illustrated.

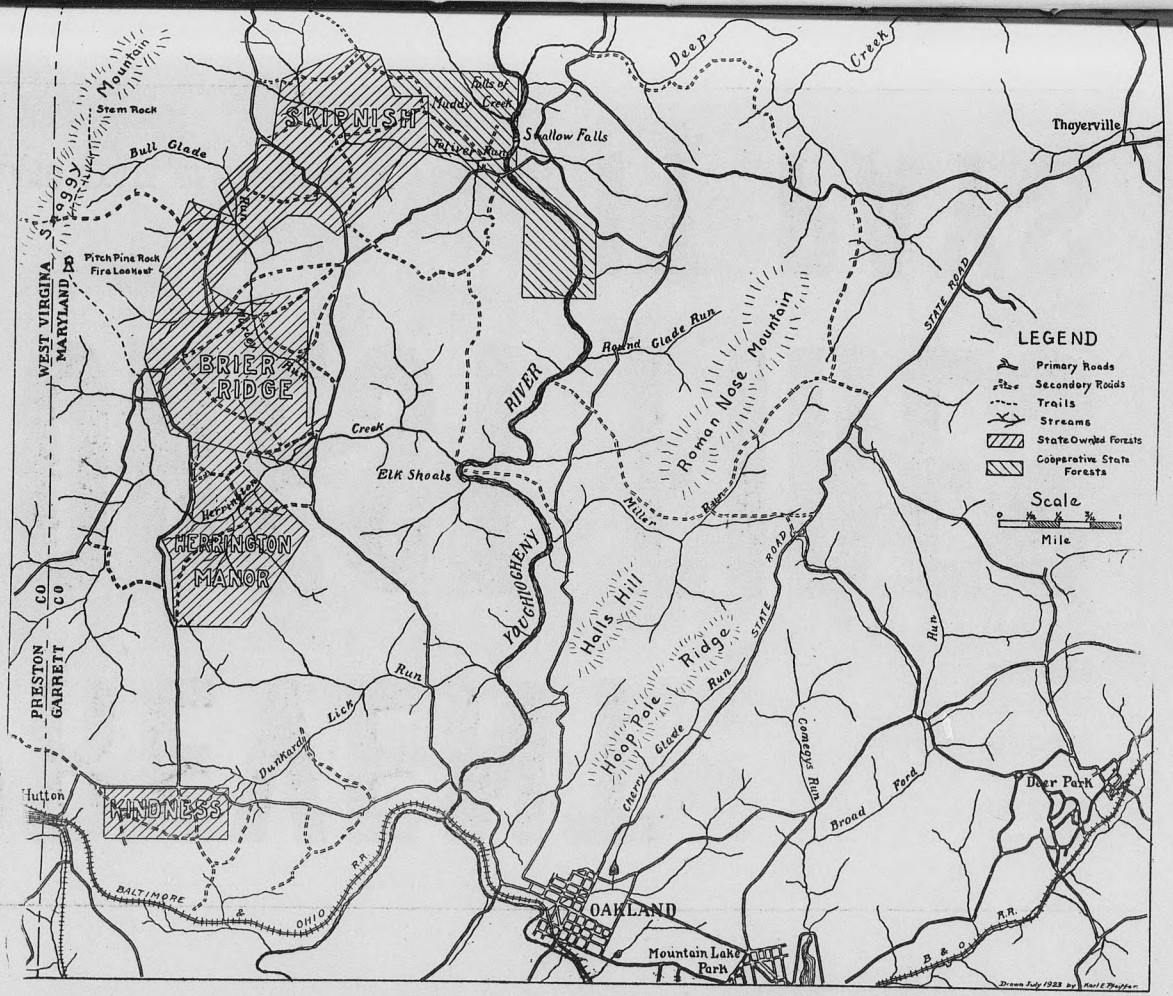
MAP

of the

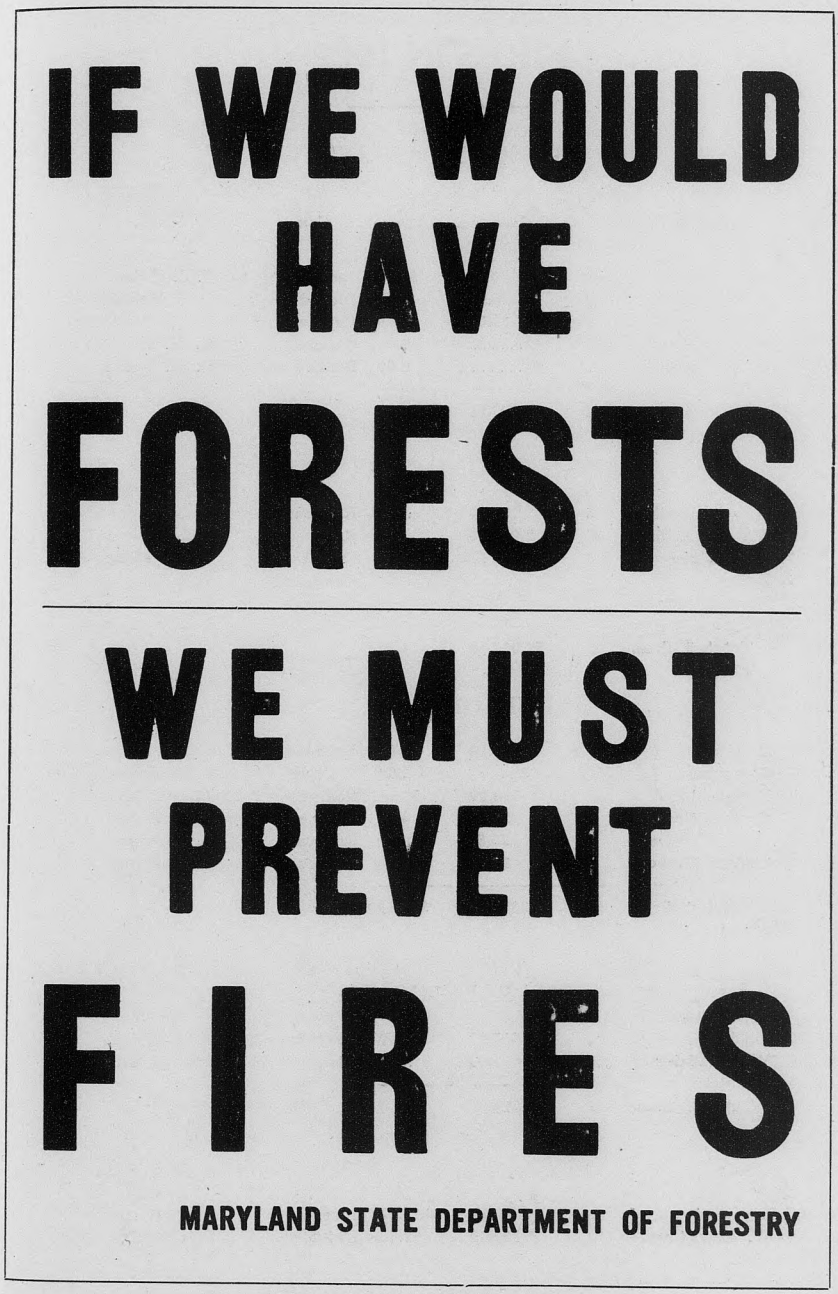
Garrett County State Forests and Adjacent Areas

DISTANCE To OAKLAND From

	Miles
Baltimore	221
Washington	205
Pittsburgh	204
Cumberland	54



FOREST FIRE SIGN, 1922



FOREST FIRE SIGN, 1923

FOREST FIRE SIGN, 1922

FIRES IN 1922

ALLEGANY COUNTY.

Date. 1921.	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Nov. 4	20th District	50	$50.00	$6.50	Incendiary	J. J. Helmstetter
" 7	20th District	3	25.00	4.50	Incendiary	J. J. Heimstetter
" 22	Nicholas Mt.	1½	10.00	9.00	Campers	B. A. Wentling
" 22	N. of Keyser	20	.....	7.00	Campers	G. H. Bodkin
Dec. 1	N. of Noswad	...	.....	6.00	Brush Burning	G. H. Bodkin
	Total 5 fires.	74	$85.00	$33.00		

ANNE ARUNDEL COUNTY.

Sept. 10	Nr. Gambrills	5	$3.50	....	Railroad	J. L. Maynard
" 13	Nr. Gambrills	5	2,000.00	1.50	Railroad	J. L. Maynard
" 18	3rd District	3	.....	10.50	Campers	W. H. Moog
Oct. 28	Drury	4	.....	....	Campers	John Shepherd
Dec. 11	Bodkins's Plains	...	.....	2.50	Campers	Ernest G. Ruth
	Total 5 fires.	17	$2,003.50	$14.50		

BALTIMORE COUNTY.

Oct. 12	Halethorpe	¼	$10.00	$5.50	Railroad	John Peddicord
" 15	Glenartney	300*	.....	2.00	Railroad	E. G. Prince
" 30	Hollofield	30	300.00	10.60	Campers	John Peddicord
Nov. 7	Orange Grove	5	27.00	6.00	Railroad	E. G. Prince
" 7	Orange Grove	5	25.00	....	Railroad	E. G. Prince
" 9	Orange Grove	3	12.00	1.00	Railroad	E. G. Prince
	Total 6 fires.	32	$374.00	$25.00		

* Square feet.

CHARLES COUNTY.

Oct. 26	Waldorf	9	$15.00	$5.50	Incendiary	V. A. Moore
Nov. 8	White Plains	50	1,000.00	....	Railroad	John G. Chapman
	Total 2 fires.	59	$1,015.00	$5.50		

FREDERICK COUNTY.

Oct. 29	Highland	50	$200.00	$16.25	Incendiary	Levin T. Lewis
Nov. 6	W. Lewistown	100	150.00	27.40	Unknown	Sylvester Moss
	Total 2 fires.	150	$350.00	$43.65		

GARRETT COUNTY.

Date. 1921	*Location.*	*Acres Burned.*	*Damage.*	*Expense.*	*Cause.*	*Warden.*
Oct. 11	Snaggy Mt.	2	$4.00	....	Miscellaneous	A. L. Sines
" 18	Grantsville	15	35.00	$7.50	Unknown	E. A. Beachy
" 26	Bear Creek	1	5.00	3.50	Logging	Mahlon Detrick
" 27	Meadow Mt.	15	700.00	6.50	Unknown	Thos. H. Brenneman
" 29	4th District	300	600.00	20.75	Incendiary	W. H. Barnard
Nov. 6	Meadow Mt.	200	500.00	20.75	Incendiary	G. E. Sloan
	Total 6 fires.	533	$1,644.00	$56.65		

PRINCE GEORGE'S COUNTY.

Oct. 23	Nr. T. B.	22	$15.00	$14.60	Campers	M. L. Underwood
Nov. 8	Haynesboro	1/16	1.00	1.00	Unknown	Edward Scott
	Total 2 fires.	22	$16.00	$15.00		

TALBOT COUNTY.

July 25	Wittman	1/16	$1.00	$1.50	Brush Burning	Wm. F. Howeth
Sept. 18	Peas Neck Rd.	165	3,025.00	....	Brush Burning	Wm. F. Howeth
Oct. 11	Tilghman Isl.	25	300.00	1.50	Campers	Wm. F. Howeth
" 12	Nr. Wittman	3½	10.50	6.50	Campers	Wm. F. Howeth
" 13	St. Michaels	2½	80.00	1.50	Brush Burning	Wm. F. Howeth
	Total 5 fires.	196	$3,416.50	$11.00		

WASHINGTON COUNTY.

Oct. 24	Crystal Falls	...	$200.00	$5.00	Miscellaneous	Ira B. Glen
" 28	Sideling Hill	100	100.00	9.85	Unknown	George Norris
Nov. 6	Elk Ridge	350	250.00	73.62	Campers	Jas. R. Keller
	Total 3 fires.	450	$550.00	$88.47		

WICOMICO COUNTY.

Oct. 13	Nr. Pittsville	65	$850.00	$41.75	Brush Burning	D. J. Holloway
" 16	E. Parsonburg	200	2,000.00	55.75	Unknown	D. J. Holloway
" 23	Nuters Dist.	1½	.....	1.50	Unknown	John W. Jones
" 26	E. Parsonburg	15	300.00	5.75	Brush Burning	D. J. Holloway
" 30	E. Parsonsburg	2	40.00	4.50	Brush Burning	D. J. Holloway
	Total 5 fires.	283	$3,190.00	$109.25		

WORCESTER COUNTY.

Aug. 25	Nr. Pine Grove	...	.....	$1.50	Brush Burning	Avery M. Perdue
Sept. 1	Nr. Pine Grove	300	$285.00	26.25	Brush Burning	Avery M. Perdue
" 9	Nr. Newark	40	240.00	8.25	Railroad	Avery M. Perdue
" 18	7th District	228	550.00	51.39	Brush Burning	John M. Shockley

WORCESTER COUNTY—(Continued)

Date. 1921.	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
" 20	West P. O.	235	475.00	73.21	Unknown	John M. Shockley
Oct. 22	Nr. Old Furn.	100	100.00	17.25	Unknown	Avery M. Perdue
" 24	Whiton	450	1,550.00	75.25	Unknown	Avery M. Perdue
" 29	2½ miles from Pub. Landing	13	6.50	34.50	Campers	Avery M. Perdue
	Total 8 fires.	1,366	$3,206.50	287.60		

ALLEGANY COUNTY.

Mar. 16	Pine Flat	25	$25.00	$8.00	Logging	B. A. Wentling
" 24	Collier Mt.	10	10.00	2.00	Logging	B. A. Wentling
" 27	Polish Mt.	1	5.00	6.00	Unknown	Henry McElfish
Apr. 8	Haystack Mt.	75	75.00	12.10	Incendiary	J. J. Helmstetter
" 9	Little Orleans	3	15.00	8.50	Railroad	E. C. McCusker
" 9	Martins Mt.	2	4.00	1.50	Unknown	Conrad Sheetz
" 10	Martin's Mt.	150	300.00	16.25	Unknown	Conrad Sheetz
" 10	Green Ridge	60	440.00	15.30	Incendiary	Edman Twigg
" 12	Oldtown	200	800.00	34.95	Brush Burning	Edman Twigg
" 13	Dan's Mt.	25	250.00	5.00	Brush Burning	G. M. Barton
" 13	Piney Grove	20	100.00	2.50	Unknown	C. A. Fletcher
" 13	Will's Mt.	4	5.00	3.50	Railroad	J. J. Helmstetter
" 16	Savage Mt.	3	3.00	....	Railroad	Jas. Morton
" 16	Ft. Evits Mt.	2	6.00	6.00	Campers	Wm. F. Yeargan
" 20	Midlothian	12	15.00	8.00	Unknown	C. E. Llewellyn
" 20	Nicholas Mt.	5	10.00	11.00	Brush Burning	B. A. Wentling
" 22	N. of Noswad	3	.....	9.00	Brush Burning	G. H. Bodkin
" 23	N. Lonaconing	14	140.00	10.80	Unknown	C. E. Llewellyn
" 24	Collier Mt.	50	300.00	8.20	Logging	B. A. Wentling
" 24	Martin's Mt.	2½	3.13	3.95	Brush Burning	Wm. F. Yeargan
" 28	Green Ridge	5	40.00	....	Brush Burning	Edman Twigg
" 29	N. of Noswad	25	12.50	7.50	Brush Burning	G. H. Bodkin
" 29	Little Orleans	100	320.00	20.35	Logging	E. C. McCusker
" 29	Pine Hills	8	.....	....	Brush Burning	Edman Twigg
" 29	Bush Ridge	100	370.00	14.60	Brush Burning	B. A. Wentling
Apr. 29	Savage Mt.	75	37.50	4.80	Railroad	Jas. Morton
" 30	N. of Noswad	25	75.00	7.50	Incendiary	G. H. Bodkin
" 30	Spring Gap	5	25.00	13.00	Campers	B. A. Wentling
" 30	Martin's Mt.	100	7,500.00	20.65	Unknown	Wm. F. Yeargan
May 1	East Side	1,200	3,600.00	43.90	Incendiary	F. G. McCulloh
May 1	Savage Mt.	450	600.00	15.70	Unknown	Jas. Morton
" 2	Savage Mt.	900	1,800.00	16.60	Unknown	Jas. Morton
" 2	Savage Mt.	1,000	875.00	23.70	Railroad	Jas. Morton
" 2	Gross Dist. 2	100	575.00	36.05	Brush Burning	Wm. F. Yeargan
" 2	N. of Noswad	75	225.00	9.60	Incendiary	G. H. Bodkin
" 2	Charles	2,50	575.00	43.65	Unknown	C. E. Llewellyn
" 8	1st Dist.	4	40.00	3.50	Campers	C. A. Fletcher
" 13	Nr. Stony Run	15	45.00	5.50	Unknown	L. C. Lambert
" 14	Dan's Mt.	40	15.00	11.00	Campers	P. P. Llewellyn
" 16	Smeltz Ridge	2	10.00	3.50	Brush Burning	D. D. McElfish
Aug. 1	Will's Mt.	4	5.50	2.50	Incendiary	J. J. Helmstetter
	Total 41 fires.	5,149	$11,750.13	$475.35		

ANNE ARUNDEL COUNTY.

Date. 1922	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Mar. 25	Millersville	20	$300.00	$5.00	Brush Burning	Edward Yockel
" 26	Mt. Road	500	250.00	27.50	Unknown	Ernest G. Ruths
Apr. 10	S. Camp Meade	80	505.00	18.50	Brush Burning	A. Fleischmann
" 11	Elvaton	¼	10.00	6.00	Miscellaneous	Edward Yockel
" 24	Earleigh Hgts	130	210.00	12.50	Unknown	Edward Yockel
" 25	Earleigh Hgts	20	100.00	3.00	Unknown	Edward Yockel
" 25	Jacobsville	25	12.50	26.50	Unknown	Ernest G. Ruths
" 25	Mt. Road	50	25.00	18.50	Unknown	Ernest G. Ruths
" 26	Patuxent Tower	20	34.00	2.50	Railroad	A. Fleischmann
" 26	Gambrills	195	790.00	14.25	Brush Burning	J. L. Maynard
" 26	Severn	40	475.00	12.50	Brush Burning	Edward Yockel
" 27	S. Camp Meade	...	.....	....	Brush Burning	A. Fleischmann
" 27	Carden's Farm	...	.....	2.00	Brush Burning	A. Fleischmann
" 27	Elvaton	7	105.00	4.00	Unknown	Edward Yockel
" 28	Elvaton	8	120.00	3.00	Unknown	Edward Yockel
" 28	Severn	35	.....	7.50	Unknown	Edward Yockel
" 29	Eagle Hills	10	50.00	3.50	Brush Burning	E. G. Ruths
" 30	Armiger	1	10.00	8.50	Brush Burning	E. G. Ruths
" 30	Millersville	18	.....	2.00	Brush Burning	Edward Yockel
" 30	Millersville	3	45.00	....	Brush Burning	Edward Yockel
May 1	Lake Shore	1,200	6,000.00	65.75	Brush Burning	E. G. Ruths
" 1	Armiger	600	3,000.00	56.90	Brush Burning	E. G. Ruths
" 2	Dorseys	10	2.00	3.00	Brush Burning	A. Fleischmann
" 6	Nr. Odenton	110	610.00	2.50	Incendiary	J. L. Maynard
" 13	S. Camp Meade	2	10.00	3.50	Brush Burning	A. Fleischmann
July 31	Earleigh Hgts	¾	20.00	1.50	Incendiary	Edward Yockel
	Total 26 fires.	3,085	$12,683.50	$315.40		

BALTIMORE COUNTY.

Mar. 6	Catonsville	¼	$3.00	....	Campers	John Peddicord
" 18	Rest Station	1½	5.00	$7.50	Campers	John Peddicord
" 23	Rockwell Ave.	2	8.00	4.50	Brush Burning	John Peddicord
" 26	Hollofield	100	600.00	34.35	Campers	John Peddicord
Apr. 20	River Road	3	15.00	2.20	Campers	E. G. Prince
" 30	Rockwell Ave.	¼	2.00	1.00	Campers	John Peddicord
	Total 6 fires.	107	$633.00	$49.55		

CECIL COUNTY.

Apr. 29	N. E. Principio	2,000	$21,000.00	$46.35	B. B. -Incend.	L. H. Balderston
May 1	Nr. North East	550	2,000.00	34.25	Brush Burning	L. H. Balderston
" 20	Liberty Grove	5	100.00	....	Railroad	L. H. Balderston
" 20	Bacon Hill	30	400.00	....	Campers	L. H. Balderston
" 20	Principio Furn.	75	300.00	....	Brush Burning	L. H. Balderston
	Total 5 fires.	2,660	$23,800.00	$80.60		

CHARLES COUNTY.

Date. 1922	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Mar. 25	Point Tobacco	12	$240.00	....	Railroad	John G. Chapman
Apr. 10	Hughesville	6	40.00	$10.50	Brush Burning	T. Spencer Turner
" 12	Dentsville	4	100.00	....	Unknown	John G. Chapman
" 13	New Town	10	200.00	....	Campers	John G. Chapman
" 27	Nr. White Pl.	25	500.00	3.00	Logging	V. A. Moore
" 29	Nr. Billingsley	15	15.00	15.00	Unknown	V. A. Moore
May 1	Port Tobacco	17	275.00	5.50	Railroad	John G. Chapman
" 2	Nr. La Plata	17	140.00	....	Brush Burning	John G. Chapman
	Total 8 fires.	106	$1,510.00	$34.00		

DORCHESTER COUNTY.

May 4	Egypt Rd., Woodson	200	$600.00	$53.90	Brush Burning	Herbert H. Dail

FREDERICK COUNTY.

Apr. 3	W. Lewistown	50	$125.00	$7.80	Unknown	Sylvester Moss
" 10	Chim'y Rd. Mt.	...	.....	19.70	Campers	G. A. Willard
" 10	Thurmont	875	1,775.00	111.18	Campers	M. H. Freshman
" 27	Ringgold	3	6.00	....	Railroad	S. P. Bussard
" 29	Middle Point	1/8	.....	....	Railroad	Levin T. Lewis.
" 30	Middle Point	1/8	.....	....	Incendiary	Levin T.Lewis
" 30	N.W.Wolfville	6	60.00	22.60	Campers	A. J. Easterday
May 1	Hampton Valley	45	540.00	37.05	Incendiary	Geo. W. Andrews
" 2	Hampton Valley	45	675.00	16.05	Unknown	Geo. W. Andrews
" 2	Sabillasville	50	50.00	20.00	Campers	S. P. Bussard
	Total 10 fires.	1,074	$3,231.00	$234.38		

GARRETT COUNTY.

Mar. 25	Barnum	200	$250.00	$7.50	Unknown	Joseph H. Herman
Apr. 7	W. of Oakland	10	10.00	3.00	Railroad	A. L. Sines
" 8	Friendsville	25	25.00	6.50	Incendiary	Harrison Sines
" 9	Barnum, W.Va.	3	5.00	4.50	Unknown	Joseph H. Herman
" 10	Friendsville	30	30.00	6.50	Incendiary	Harrison Sines
" 10-11	Barnum,W.Va	20	10.00	6.50	Unknown	Joseph H. Herman
" 13	Sugar Hill	50	25.00	5.20	Incendiary	F. W. Green
" 13	Friendsville	10	30.00	8.50	Incendiary	Harrison Sines
" 20	Upper Ford	20	30.00	4.00	Incendiary	A. L. Sines
" 29	S. Harvey's pl.	False Alarm		8.00	Brush Burning	Layman Upole
" 20	Nr. Altamont	9	$9.00	$3.00	Railroad	G. W. Tichiniel
" 23	Swanton	3	6.00	10.00	Incendiary	Harrison Sines
" 24	Friendsville	1	10.00	3.00	Incendiary	W. H. Barnard
" 25	E. of Swanton	10*	.....	....	Incendiary	W. H. Barnard
" 25	E. of Swanton	1	.....	....	Incendiary	W. H. Barnard
" 26	W. Bloom'ton	20*	.....	....	Incendiary	Peter F. Michael
" 28	Little Savage	5	25.00	....	Campers	Sherman G. Savage
" 28	Hayes	20	50.00	4.50	Incendiary	A. L. Sines

GARRETT COUNTY—(Continued)

Date.	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
1922						
" 28	Roman Nose	25	25.00	7.00	Incendiary	W. H. Barnard
" 29	N. of Barnum	1	2.00	....	Incendiary	W. H. Barnard
" 29	N. Bloom'ton	1	5.00	....	Brush Burning	W. H. Barnard
" 29	Red Ridge	7	.....	1.50	Unknown	T. H. Brenneman
" 29	Swanton	100	300.50	14.55	Incendiary	G. W. Tichinlel
" 29	N. Hubbard	75	75.00	9.53	Incendiary	Layman Upole
" 30	Swantotn	20	40.00	5.00	Incendiary	W. H. Barnard
" 30	Friendsville	250	575.00	13.40	Incendiary	Harrison Sines
" 30	S. Altamont	4	400.00	2.25	Incendiary	Layman Upole
" 30	Nr. Schell	20	40.00	9.50	Miscellaneous	Michael Tasker
May 1	Sang Run	65	125.00	10.25	Incendiary	Sherman G. Savage
" 1	Round Glade	4	4.00	6.00	Incendiary	A. L. Sines
" 1	Lostland Run	100	700.00	12.30	Railroad	Michael Tasker
" 1	Nr. Schell	60	420.00	17.60	Railroad	Michael Tasker
" 1	Vindex	150	310.00	23.30	Incendiary	Layman Upole
" 2	N. Barnum	20	40.00	8.00	Incendiary	W. H. Barnard
" 2	Chestnut Grove	20	100.00	14.00	Incendiary	W. H. Barnard
" 2	Blomington	1½	30.00	11.00	Incendiary	W. H. Barnard
" 2	Negro Mt.	60	30.00	11.20	Brush Burning	David Fresh
" 2	McHenry	15	50.00	12.25	Incendiary	Sherman G. Savage
" 2	Sang Run	140	350.00	14.85	Incendiary	Sherman G. Savage
" 2	Friendsville	100	177.50	5.90	Incendiary	Harrison Sines
" 8	Negro Mt.	2	3.00	9.50	Unknown	David Fresh
" 8	S. Deer Park	18	18.00	4.20	Incendiary	Layman Upole
" 9	Friendsville	15	19.75	4.40	Incendiary	Harrison Sines
" 9	W. Eagle Rock	35	50.00	9.90	Incendiary	Layman Upole
" 9	Dodson	30	35.00	7.00	Incendiary	Layman Upole
" 9	Wilson	25	37.50	1.50	Incendiary	Layman Upole
" 13	Altamont	6	6.00	2.50	Railroad	Layman Upole
" 14	Bear Hills	4	.....	1.50	Unknown	T. H. Brenneman
" 15	Elder Hill	25	100.00	5.00	Incendiary	Mahlon Detrick
" 16	New Germany	50	75.00	11.00	Incendiary	G. W. Broadwater
" 16	New Germany	50	50.00	11.60	Incendiary	G. W. Broadwater
" 16	Hard Scrabble	10	10.00	8.70	Unknown	F. M. Green
" 16	Sang Run	18	180.00	6.50	Incendiary	Harrison Sines
" 17	New Germany	50	50.00	16.10	Incendiary	G. W. Broadwater
" 23	Avilton	60	125.00	29.00	Incendiary	G. W. Broadwater
" 24	Windsor	200	200.00	9.80	Incendiary	Layman Upole
" 28	Eagle Rock	25	25.00	3.45	Incendiary	Layman Upole
" 29	Mt. Wilson	20	20.00	2.50	Brush Burning	Layman Upole
	Total 58 fires.	2,289	$5,318.25	$426.23		

HARFORD COUNTY.

Mar. 29	S. W. Aberdeen	20	$10.00	$8.50	Brush Burning	R. K. Johnson
Feb. 23	Joppa	85	120.00	17.30	Campers	R. K. Johnson
Apr. 13	N.E.Van Bibber	20	120.00	15.90	Brush Burning	R. K. Johnson
May 1	Joppa Rd.	5	20.00	4.50	Railroad	John C. Hill
	Total 4 fires.	130	$275.00	$46.20		

HOWARD COUNTY.

Date. 1922	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Mar. 25	N. Ellicott Cy.	12	$48.00	$4.00	Campers	E. G. Prince
Apr. 28	Orange Grove	7	126.00	2.00	Campers	E. G. Prince
	Total 2 fires.	19	$174.00	$6.00		

MONTGOMERY COUNTY.

Apr. 2	Yew Locks Rd.	3	.....	$3.50	Campers	E. J. Bonneville
" 16	Sugar Loaf Mt.	300	$1,200.00	50.90	Campers	Edw. L. Weikert
" 30	Domestown	12	.....	6.50	Brush Burning	J. M. Etchison
	Total 3 fires.	315	$1,200.00	$60.90		

PRINCE GEORGE'S COUNTY.

Mar. 23	Nr. Contee	5	$10.00	$6.50	Brush Burning	L. T. Marlow
" 25	Brandywine	19	265.00	3.00	Railroad	J. B. Pyle
" 27	Nr. Mistletoe	20	20.00	5.25	Unknown	L. T. Marlow
Apr. 9	Nr. Branchville	350	2,450.00	26.70	Brush Burning	Geo. P. Bewley
" 9	Nr. T. B.	3	25.00	1.50	Brush Burning	J. B. Pyle
" 9	Nr. Brandywine Station.	20	230.00	3.50	Brush Burning	J. B. Pyle
" 11	Brandywine	150	225.00	4.50	Brush Burning	J. B. Pyle
" 11	Brandywine	2	30.00	1.50	Miscellaneous	J. B. Pyle
" 20	Muirkirk	10	50.00	4.00	Unknown	L. T. Marlow
" 27	Pa. R. R.	1½	.....	....	Brush Burning	B. M. Wildman
" 28	Nr. Contee	10	10.00	....	Unknown	L. T. Marlow
" 28	Muirkirk	2	10.00	....	Carelessness	L. T. Marlow
" 29	Tuxedo	3	.....	....	Brush Burning	B. M. Wildman
" 30	Tuxedo	3	.....	....	Brush Burning	B. M. Wildman
May 1	Beltsville	30	150.00	5.00	Brush Burning	Geo. P. Bewley
" 2	N. Springfield	25	500.00	11.00	Brush Burning	L. T. Marlow
" 2	Spaldings	20	3,950.00	5.00	Incendiary	J. B. Pyle
" 8	New Beaver D.	500	2,500.00	20.40	Unknown	L. T. Marlow
	Total 18 fires.	1,174	$10,425.00	$97.85		

ST. MARY'S COUNTY.

Mar. 9	N. California	50	$500.00	$18.60	Brush Burning	L. F. Miles
Apr. 10	Nr. Green Holly	7	35.00	2.00	Brush Burning	L. F. Miles
" 12	Nr. Hermonsv'e	16	425.00	10.80	Logging	L. F. Miles
" 26	6th District	10	.....	1.50	Brush Burning	Ora Overholser
	Total 4 fires.	83	$960.00	$32.90		

TALBOT COUNTY.

May 15	Nr. St. Michaels	1	$15.00	....	Railroad	W. F. Howeth
" 18	Nr. Tilghman	2	30.00	....	Brush Burning	W. F. Howeth
	Total 2 fires.	3	$45.00	....		

WASHINGTON COUNTY.

Date. 1922	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Mar. 6	E. of Millstone	5	$15.00	$3.00	Railroad	A. J. Fulton
Apr. 9	11th Dist.	80	425.00	16.05	Lumbering	Jas. R. Keller
" 10	Short Hill	...	.....	4.00		C. H. Faulder
" 20	Edgmontt	5	15.00	8.50	Railroad	Ira B. Glenn
" 20	Gillan's Knob	2	.....	....	Brush Burning	F. D. Martin
" 24	Raven Rock	...	.....	3.50	Brush Burning	Ira Glenn
" 25	Hearthstone Mt.	400	575.00	65.40	Incendiary	F. D. Martin
" 30	Sideling Hill	100	300.00	37.15	Unknown	George Morris
May 1	Nr. Edgmont	4	20.00	3.23	Railroad	S. P. Bussard
" 7	Nr. Edgmont	3	15.00	5.26	Railroad	S. P. Bussard
" 11	Glenaften	1½	1.00	3.50	Railroad	Ira B. Glenn
	Total 11 fires.	600	$1,366.00	$149.59		

WICOMICO COUNTY.

Jan. 1	Nr. Snow Hill road	70	$45.00	$4.50	Campers	John W. Jones, Jr.
" 6	Nr. Salisbury	15	.....	1.50	Brush Burning	John W. Jones, Jr.
Apr. 16	S. Parsonsburg	12	100.00	15.75	Unknown	D. J. Holloway
" 24	E. Parsonsburg	28	300.00	11.75	Brush Burning	D. J. Holloway
May 10	Salisbury	50	.....	1.50	Brush Burning	John W. Jones, Jr.
" 11	S. Wango	200	2,000.00	29.65	Campers	John W. Jones, Jr.
	Total 6 fires.	375	$2,445.00	$64.65		

WORCESTER COUNTY.

Apr. 10	N.W. Zion Ch.	8	.....	$3.50	Brush Burning	Avery M. Perdue
" 16	Nr. Colbourne	75	$553.00	14.25	Unknown	Avery M. Perdue
	Total 2 fires.	83	$553.00	$17.75		

FIRES IN 1923

DISTRICT I.

GARRETT COUNTY.

Date. 1922	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Oct. 2	Friendsville	50	$150.00	$9.20	Campers	Harrison Sines
" 2-3	Nr. Savage Run	100	50.00	8.95	Incendiary	G. W. Broadwater
" 3	Nr. Wilson	2	1.00	13.25	Unknown	J. W. Biggs
" 6	Friendsville	25	50.00	7.50	Miscellaneous	Harrison Sines
" 6	Sang Run	2	4.00	3.00	Unknown	Harrison Sines
" 21	E. Grantsville	4	12.00	6.50	Incendiary	E. A. Beachy
" 21	Bear Hill	15	7.50	5.50	Incendiary	T. H. Brennerman
" 22	Shaw	2	10.00	7.00	Incendiary	G. W. Tichinell
" 27	Meadow Mt.	200	300.00	11.75	Incendiary	S. L. Bowman
" 27	Meadow Mt.	60	35.00	8.75	Incendiary	T. H. Brennerman
" 27	Negro Mt.	½	.....	1.50	Hunters	D. Fresh
" 27	Nr. Shade Mill	200	100.00	39.75	Incendiary	G. W. Broadwater
" 28	Meadow Mt.	100	50.00	3.10	Unknown	F. M. Green
" 28	N.E. Sines	1,595	1,845.00	55.55	Campers	G. E. Sloan
" 29	Backbone Mt.	500	500.00	48.00	Railroad	W. H. Barnard
" 29	E. Side of Salt Block	20	40.00	5.50	Incendiary	E. F. Teets
" 29	Nr. Kellogg's	20	40.00	5.50	Incendiary	E. F. Teets
" 29	Swanton	300	2,100.00	94.15	Incendiary	G. W. Tichinell
" 30	Middle Ridge	300	150.00	13.20	Unknown	F. N. Green
" 30	Meadow Mt.	175	550.00	14.40	Campers	J. F. O'Brien
" 30	E. Rock Lodge	1,700	2,750.00	106.05	Incendiary	A. L. Sines
" 30	Above Pine Swamp School	1	1.00	3.50	Unknown	A. F. Teets
" 30	Backbone Mt.	1,000	1,000.00	30.00	Railroad	W. H. Barnard
" 31	W. Meadow Mt.	10	5.00	4.75	Incendiary	T. H. Brennerman
" 31	Bear Hill	4	2.00	4.50	Campers	T. H. Brennerman
" 31	Stricker	320	740.00	18.60	Incendiary	J. F. O'Brien
" 31	Elbow Hollow	125	225.00	4.60	Brush Burning	J. F. O'Brien
" 31	N. of Oakland	600	900.00	119.25	Hunters	W. A. Reams
" 31	Nr. Eagle Rock	40	80.00	17.40	Incendiary	A. L. Sines
" 31	Sang Run	15	75.00	4.10	Unknown	Harrison Sines
" 31	Walnut Bottom	5	15.00	4.50	Unknown	Joseph Herman
Nov. 1	W. Meadow Mt.	7	3.50	5.00	Unknown	T. H. Brennerman
" 1	W. of Oakland	6	.....	2.00	Railroad	A. L. Sines
" 1	Cranesville	100	200.00	4.80	Unknown	Harrison Sines
" 2	W. Meadow Mt.	15	7.50	9.55	Unknown	T. H. Brennerman
" 2	Friendsville	20	40.00	4.50	Unknown	Harrison Sines
" 2	Chaffee	150	750.00	26.40	Incendiary	G. W. Tichinell
" 2	Barnum	50	50.00	3.50	Unknown	Joseph Herman
Nov. 8	W. Bloom'ton	3	$12.00	$5.50	Campers	W. H. Barnard
" 10	Nr. Wallman	100	700.00	13.55	Railroad	M. Tasker

GARRETT COUNTY—(Continued)

Date. 1922	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Nov. 10	Barnum	500	1,910.00	7.00	Railroad	Chas. A. Moon
" 10	Shaw	100	750.00	7.88	Unknown	G. W. Tichinell
" 11	N. Oakland	500	870.00	30.80	Incendiary	A. L. Sines
" 11	Sang Run	35	43.75	8.50	Unknown	Harrison Sines
" 11	Nr. Chestnut Grove	250	250.00	20.15	Incendiary	W. H. Barnard
" 11	Backbone Mt.	50	850.00	21.00	Incendiary	Chas. A. Moon
" 12	S.W. Bittinger	30	90.00	22.25	Unknown	T. H. Brennerman
" 12	Nr. Schell	75	450.00	17.40	Railroad	M. Tasker
" 12	Vindex	20	100.00	16.30	Incendiary	G. W. Tichinell
" 12	Shaw	3	30.00	9.25	Incendiary	G. W. Tichinell
" 12	Chaffee	2	10.00	9.50	Incendiary	G. W. Tichinell
" 13	Blaine	100	500.00	33.25	Incendiary	G. W. Tichinell
" 14	Negro Mt.	50	10.00	1.75	Hunters	D. Fresh
" 14	C. C. Mason's	100	165.00	17.75	Incendiary	J. F. O'Brien
" 14	Chaffee	2	10.00	9.50	Incendiary	G. W. Tichinell
" 15	Nr. Lonaconing	200	100.00	7.50	Unknown	Walter Weir
" 21	Nr. Bloom'ton	100	200.00	18.35	Incendiary	W. H. Barnard
" 23	Barnum	100	50.00	12.00	Unknown	Joseph Herman
	Total 58 fires.	10,158	$22,939.25	$1,033.20		

DISTRICT II.

ALLEGANY COUNTY.

July 13	Wills Mt.	4	$5.50	$2.50	Incendiary	J. J. Helmstetter
Aug. 21	Gannon Sta.	4	.....	3.00	Unknown	L. C. Lambert
" 22	Nr. Westernp't	6	9.00	8.90	Railroad	L. C. Lambert
Sept. 11	S.E. Dawson	1	2.00	3.50	Incendiary	G. H. Bodkin
" 27	Nr. Warrior Mt.	1	8.00	....	Brush Burning	G. B. Robinette
" 28	Wills Mt.	85	92.00	13.75	Incendiary	J. J. Helmstetter
" 29	Martins Mt.	¼	1.00	2.50	Unknown	C. Sheetz
" 30	E.S. Warrior Mt.	40	4.00	9.70	Hunters	E. Twigg
Oct. 1	Wills Mt.	100	275.00	37.25	Unknown	D. D. McElfish
" 2	Wills Mt.	75	60.00	15.15	Incendiary	T. Burkey
" 3	Wills Mt.	15	15.00	10.75	Brush Burning	T. Burkey
" 4	N.W. Oldtown	200	600.00	18.63	Unknown	C. Sheetz
" 5	Dry Ridge	40	20.00	11.15	Unknown	H. McElfish
" 5	N.W. Oldtown	25	100.00	9.00	Unknown	C. Sheetz
" 6	Ellerslie	80	90.00	27.50	Incendiary	T. Burkey
" 6	Haystack Mt.	25	25.00	13.75	Campers	T. Burkey
" 6	Nichols Mt.	12	85.50	18.00	Hunters	B. A. Wentling
" 20	N. High Rock	5	2.50	7.50	Railroad	G. H. Bodkin
" 21	Wills Mt.	2	6.00	2.25	Hunters	D. D. McElfish
" 21	N.W. Oldtown	150	600.00	16.15	Unknown	C. Sheetz
" 27	Piney Mt.	550	637.50	60.74	Railroad	T. Burkey
" 28	E. Westernp't	100	100.00	22.50	Railroad	L. C. Lambert
" 28	N.W. Oldtown	20	80.00	8.65	Unknown	C. Sheetz
" 28	E.S. Warrior Mt.	12	56.00	10.90	Unknown	C. Sheetz
" 29	Allegany Grove	40	40.00	17.28	Incendiary	T. Burkey
" 29	Blackridge	60	80.00	12.50	Railroad	J. J. Helmstetter

ALLEGANY COUNTY—(Continued)

Date. 1922	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Oct. 29	Big Survey	275	50.00	35.85	Campers	P. P. Llewellyn
" 29	e.s. Warrior Mt.	200	1,000.00	35.60	Hunters	E. Twigg
Oct. 30	Wills Mt.	25	25.00	15.10	Railroad	T. Burkey
" 30	Piney Mt.	150	200.00	46.19	Incendiary	T. Burkey
" 30	E.S. Evitts Mt.	3	3.00	7.75	Hunters	W. F. Yeargan
" 31	Piney Mt.	75	100.00	30.02	Campers	T. Burkey
" 31	Gilmore	15	50.00	8.70	Unknown	C. E. Llewellyn
" 31	E. Dans Mt.	200	40.00	24.35	Unknown	P. P. Llewellyn
" 31	N.W. Spring	15	75.00	5.75	Railroad	C. Sheetz
Nov. 1	Wills Mt.	200	350.00	38.31	Incendiary	T. Burkey
" 2	Nr. 6-Mi. House	3,500	35.00	12.30	Incendiary	T. Burkey
" 2	S. Barton	75	35.00	19.90	Miscellaneous	P. P. Llewellyn
" 2	W. Barton	1	.....	....	Logging	P. P. Llewellyn
" 2	N.W. Oldtown	2	4.00	....	Brush Burning	C. Sheetz
" 4	Fort Hill	800	400.00	22.45	Railroad	G. H. Bodkin
" 4	20th District	5	50.00	6.50	Incendiary	J. J. Helmstetter
" 5	N. Dawson	5	.....	4.50	Incendiary	G. H. Bodkin
" 5	Nr. 6-Mi.House	60	50.00	14.60	Incendiary	J. J. Helmstetter
" 6	Fort Hill	40	200.00	15.85	Hunters	F. M. Hutson
" 7	N. Dawson	10	5.00	4.50	Railroad	G. H. Bodkin
" 7	20th District	3	25.00	4.50	Incendiary	J. J. Helmstetter
" 8	Horse Rock	30	25.00	7.00	Unknown	L. C. Lambert
" 8	Nr. Westernp't	3	.....	8.00	Unknown	L. C. Lambert
" 8	Nr. McCool	530	400.00	64.00	Railroad	L. C. Lambert
" 8	Dans Mt.	60	20.00	7.05	Unknown	P. P. Llewellyn
" 9	Martin's Mt.	5	10.00	13.05	Unknown	W. F. Yeargan
" 10	Dans Mt.	100	50.00	19.45	Hunters	J. Blubaugh
" 10	Nr. West'port	2	10.00	6.00	Hunters	F. B. Davis
" 10	Dans Mt.	30	15.00	7.00	Unknown	L. C. Lambert
" 10	Dans Mt.	2	1.00	....	Unknown	P. P. Llewellyn
" 11	N.E. Keyser	15	7.50	4.05	Railroad	G. H. Bodkin
" 11	Polish Mt.	700	2,800.	109.50	Unknown	G. B. Robinette
" 12	E. of Keyser	10	30.00	4.60	Railroad	G. H. Bodkin
" 12	Little Allegany Mt.	150	300.00	39.34	Incendiary	T. Burkey
" 12	E. West'port	40	50.00	31.00	Railroad	L. C. Lambert
" 12	Nr. Barton	2	1.00	9.50	Campers	P. P. Llewellyn
" 12	Kifer	250	3,000.00	3.50	Incendiary	E. Twigg
" 12	Piney Mt.	50	25.00	20.75	Unknown	A. J. Bridges
" 13	Little Allegany	5	$5.00	$8.14	Incendiary	T. Burkey
" 13	Haystack Mt.	3	3.00	4.00	Railroad	T. Burkey
" 13	Big Piney Mt.	100	100.00	49.16	Incendiary	T. Burkey
" 13	Kifer	200	2,600.00	3.50	Hunters	E. Twigg
" 13	Piney Mt.	150	15.00	16.75	Unknown	A. J. Bridges
" 14	N.E. Keyser	50	62.50	18.25	Campers	G. H. Bodkin
" 15	N.E. Keyser	75	93.75	21.25	Hunters	G. H. Bodkin
" 15	Nr. Keyser	900	500.00	40.00	Unknown	P. P. Llewellyn
" 16	N. High Rock	100	125.00	26.40	Incendiary	G. H. Bodkin
" 17	Chestnut Flat	20	20.00	16.33	Incendiary	T. Burkey
" 17	N. Oldtown	25	50.00	10.00	Incendiary	C. Sheetz
" 18	Polish Mt.	50	25.00	8.00	Hunters	F. B. Davis
" 18	Pick Lick	500	500.00	70.85	Hunters	F. B. Davis

ALLEGANY COUNTY—(Continued)

Date.	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
1922						
Nov. 19	W. High Rock	300	300.00	22.50	Incendiary	G. H. Bodkin
" 19	Cash Valley	3	4.50	4.00	Incendiary	T. Burkey
" 20	Cash Valley	4	6.00	3.50	Incendiary	T. Burkey
" 20	Rocky Gap	25	.....	4.50	Brush Burning	G. L. Hinkle
" 20	Warrior Mt.	4	2.00	3.50	Incendiary	C. Sheetz
" 22	Little Alleg.Mt.	50	75.00	14.70	Incendiary	T. Burkey
" 22	Haystack Mt.	3	3.00	3.00	Miscellaneous	N. Dicken
" 23	S. High Rock	5	6.25	4.50	Hunters	G. H. Bodkin
" 23	Shriver Ridge	15	60.00	10.60	Hunters	D. D. McElfish
" 23	Balto. Pike	35	17.50	14.70	Hunters	W. F. Yeargan
" 24	S.W.High Rock	15	18.75	9.00	Campers	G. H. Bodkin
" 24	Little Alleg.Mt.	40	60.00	16.13	Incendiary	T. Burkey
" 24	Mills Mt.	10	15.00	6.75	Campers	D. D. McElfish
" 27	Cresaptown	3	$9.00	$2.50	Railroad	G. M. Barton
" 28	Andys Ridge	3	5.00	4.50	Railroad	T. Burkey
" 30	Colliers Mt.	600	1,050.00	52.25	Hunters	B. A. Wentling
Dec. 1	. . . . .	100	50.00	41.70	Hunters	J. W. Bluebaugh
" 1	Nr. Mine 12	100	100.00	8.70	Unknown	C. E. Llewellyn
" 1	Little Orleans	80	40.00	22.40	Hunters	E. C. McCusker
" 1	Hall Hill	4	4.00	6.75	Unknown	W. F. Yeargan
" 1	Warrior Mt.	1,400	700.00	156.10	Incendiary	C. Sheetz
" 1	Nicholas Mt.	5½	16.50	31.10	Hunters	B. A. Wentling
" 2	Haystack Mt.	28	37.50	16.04	Railroad	T. Burkey
" 2	Williams Rd.	...	.....	14.15	Unknown	G. L. Hinkle
" 2	.....	200	100.00	50.20	Campers	J. W. Bluebaugh
" 3	E.S.Dans Mt.	170	500.00	9.35	Unknown	H. Fazenbaker
" 10	Grabenstein Ridge	300	150.00	36.15	Brush Burning	W. F. Yeargan
" 10	.....	...	.....	5.50	False Alarm	L. C. Lambert
" 10	Christy Rd.	25	25.00	11.75	Hunters	G. L. Hinkle
	Total 106 fires.	14,933	$20,490.75	$1,948.95		

DISTRICT III.

FREDERICK COUNTY.

Oct. 28	Hamburg	220	$250.00	$56.15	Unknown	C. C. Klein
" 30	Fordsfield	200	350.00	76.55	Incendiary	Levin T. Lewis
Nov. 3	W. Lewistown	50	25.00	31.95	Campers	S. Moss
" 6	W. Lewistown	100	150.00	27.40	Unknown	S. Moss
" 9	Nr. Blue Mt. House	½	3.00	3.60	Railroad	C. C. Klein
" 13	Pt. of Rocks	30	60.00	1.00	Unknown	C. C. Klein
" 23	Nr. Wolfsville	250	600.00	86.10	Campers	A. J. Easterday
" 23	Catoctin Furn.	3,500	7,000.00	200.23	Incendiary	C. C. Klein
" 24	Catoctin Mt.	75	200.00	29.50	Incendiary	Levin T. Lewis
" 25	Catoctin Mt.	...	.....	1.50	Incendiary	C. C. Klein
" 25	N. of W. Md. R. R. track	15	30.00	6.20	Railroad	G. W. Ramsburg
	Total, 11 fires	4,440½	$8,668.00	$520.58		

90149

WASHINGTON COUNTY.

Date. 1922	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
May 2	Nr. Emmitsb'g	...	.....	$3.50	Unknown	I. B. Glenn
Nov. 11-13	Blair's Valley	250	$500.00	50.38	Incendiary	J. Eichelberger
" 23	Nr. Weverton	100	150.00	16.45	Campers	M. S. Coulter
" 23	Black Rock Land Co.	700	1,500.00	146.10	Hunters	I. B. Glenn
Dec. 2	Nr. Edgemont	2	4.00	4.50	Incendiary	I. B. Glenn
" 4	Nr. Weverton	75	150.00	11.75	Hunters	M. S. Coulter
" 3	Nr. Smithsburg	5	5.00	5.40	Campers	I. B. Glenn
	Total fires 7.	1,232	$2,309.00	$238.08		
	Total fires Fred. Co. 11.	4,440½	$8,668.00	$520.58		
	Total, Dist. III. .....18.	5,672½	$10,977.00	$758.66		

DISTRICT IV.

CHARLES COUNTY.

Nov. 3	N. White Plains	4	$20.00	$6.50	Railroad	V. A. Moore

PRINCE GEORGE'S COUNTY.

Oct. 21	S. Muirkirk	1/50	.....	....	Railroad	G. Lammers
Nov. 11	Nr. Lanham	150	$100.00	$15.60	Hunters	B. M. Wildman
" 12	E. Riverdale	30	.....	4.00	Railroad	W. H. Benton
" 12	N. Ardwick	125	125.00	1.00	Railroad	B. M. Wildman
" 14	N. Riverdale	30	50.00	3.10	Campers	W. H. Benton
" 14	W Springfield	5	20.00	8.20	Hunters	G. Lamers
" 16	E. Hyatsville	5	.....	2.90	Miscellaneous	W. H. Benton
" 24	Misttletoe Spg.	4	3.50	4.50	Railroad	G. Lamers
" 24	Oak Crest	1/50	.....	....	Railroad	G. Lamers
" 29	Springfield	¼	.....	....	Railroad	G. Lamers
Dec. 1	Beltsville	355	.....	7.90	Hunters	G. P. Bewley
	Total, 11 fires.	704¼	$298.50	$47.20		

ST. MARY'S COUNTY.

Nov. 30	Nr. Crest Mills	300	$1,000.00	$74.75	Unknown	L. F. Miles
Dec. 2	Nr. Jacobsville	½	3,900.00	9.25	Miscellaneous	L. F. Miles
	Total fires. 2	300½	$4,900.00	$84.00		
	Total for Charles Co. 1	4	20.00	6.50		
	Total for P. Geo. Co.11	704	298.50	47.20		
	Total for District IV.14	1,008	$5,218.50	$137.70		

DISTRICT V.

ANNE ARUNDEL COUNTY.

Nov. 23	Elvaton	40	$600.00	$13.50	Campers	Ed. Yockel
" 30	Elvaton	35	525.00	5.50	Campers	Ed. Yockel
" 30	Millersville	2	.....	3.50	Unknown	Ed. Yockel
Dec. 1	Nr. Jacobsville	150	150.00	18.50	Campers	E. G. Ruths
	Total, 4 fires.	227	$2,275.00	$41.00		

BALTIMORE COUNTY.

Date. 1922	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Nov. 14	Bet. Ilchester & Hilton av.	30	$160.00	$6.70	Campers	E. G. Prince
" 20	Nr. Oella	½	3.00	1.50	Hunters	J. W. Peddicord
Dec. 1	Lansdowne	25x15*	.....	....	Hunters	J. W. Peddicord
" 1	Lansdowne	40x5*	.....	....	Incendiary	J. W. Peddicord
	Total fires 4.	30	$163.00	8.20		

* Feet.

CECIL COUNTY.

Aug. 20	Nr. Leslie Sta.	20	$50.00	$10.60	Unknown	C. A. Puschell
Nov. 21	North East	7	10.00	....	Railroad	C. A. Puschell
" 22	North East	30	60.00	....	Incendiary	C. A. Puschell
Dec. 1	Elk Neck	2,000	72.00	37.80	Miscellaneous	C. A. Puschell
	Total fires 4.	2,057	$192.00	$48.40		

HARFORD COUNTY.

Nov. 12	N. Dublin	60	$1,000.00	$9.80	Campers	John C. Hill

HOWARD COUNTY.

Nov. 5	Nr. Ilchester	¼	.....	....	Railroad	E. G. Prince
" 15	Nr. Ellicott Cy.	5	.....	$8.50	Railroad	J. W. Peddicord
" 18	Nr. Oella Dam	60x16*	.....	....	Campers	E. G. Prince
	Total fires 3.	5	.....	$8.50		

* Feet.

Total A. A. Co..... 4	227	$1,275.00	$41.00	
Total Balto. Co..... 4	30	192.00	48.40	
Total Cecil Co..... 4	2,057	192.00	48.40	
Total Harford Co..... 1	60	1,000.00	9.80	
Total Howard Co.... 3	5	.....	8.50	
Total District V.... 16	2,399	$2,630.00	$115.90	

DISTRICT VI.

TALBOT COUNTY.

Nov. 17	Royal Oaks, nr. Bellevue	42	$470.00	$40.30	Campers	W. F. Howeth
" 24	Royal Oaks, nr. Bellevue	6	60.00	10.50	Incendiary	W. F. Howeth
" 25	St. Michaels, nr. Neavitt	5	50.00	11.00	Incendiary	W. F. Howeth
" 25	Easton	54½	272.50	5.90	Campers	W. F. Howeth
	Total fires, 4.	107	$852.50	$67.70		

DISTRICT I.

GARRETT COUNTY.

Date. 1923	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Mar. 16	Kitzmiller	300	$300.00	23.25	Unknown	A. S. Harvey
Apr. 1	Savage River	2	10.00	....	Incendiary	Wm. A. Michael
" 1	Walnut Botom	50	25.00	8.00	Incendiary	J. H. Herman
" 2	Swanton	800	850.00	27.90	Incendiary	G. W. Tichnell
" 3	Lost Land Run	100	43.00	11.50	Fishermen	T. R. Harvey
" 3	Sang Run	10	20.00	10.00	Unknown	H. Sines
" 3	Millers Glade	75	112.00	1.50	Unknown	A. L. Sines
" 4	Sang Run	100	215.00	13.10	Unknown	H. Sines
" 7	Nr.BackboneMt.	150	200.00	3.40	Incendiary	L. C. Bray
" 7	Broad Ford	200	545.00	14.00	Brush Burning	A. L. Sines
" 8	Walnut Bottom	100	50.00	5.25	Unknown	J. H. Herman
" 9	Nr. Chaffer	4	25.00	1.50	Unknown	G. H. Knox
" 10	Nr. Vindex	25	100.00	1.50	Unknown	G. H. Knox
" 11	Rigley Hill	50	50.00	1.50	Brush Burning	J. A. Jenkins
" 12	Friendsville	6*	.01	1.00	Unknown	H. Sines
" 12	Nr. Friendsville	100	300.00	16.00	Brush Burning	A. Chisholm
" 12	Meadow Mt.	150	135.00	20.00	Incendiary	J. A. Jenkins
" 15	Nr. Moscow	6	60.00	5.10	Unknown	W. Weir
" 19	Friendsville	2	4.00	3.50	Campers	H. Sines
4 20	Sang Run	50	70.00	5.50	Unknown	H. Sines
" 20	Friendsville	1	3.00	5.15	Unknown	H. Sines
" 20	Nr. White Rock	½	1.00	3.75	Incendiary	H. Sines
" 21	Friendsville	¼	.25	1.50	Incendiary	H. Sines
" 21	White Rock Glade	1/10	.10	2.50	Incendiary	H. Sines
" 22	White Rock Glade	3	4.00	7.50	Incendiary	H. Sines
" 24	Friendsville	15	30.00	8.25	Unknown	H. Sines
" 25	Nr. Broad Ford	550	11,030.00	40.10	Railroad	T. R. Harvey
" 25	Walnut Bottom	27	25.00	3.00	Incendiary	A. L. Sines
" 25	Altamont	200	100.00	7.70	Incendiary	J. H. Herman
" 26	Friendsville	18	22.50	6.50	Incendiary	H. Sines
" 26	Swallow Falls	3*	.50	....	Incendiary	A. L. Sines
" 26	Meadow Mt.	175	35.00	53.15	Incendiary	J. A. Jenkins
" 26	E. Cranesville	500	1,000.00	23.55	Incendiary	E. F. Teets
" 26	Nr. Barnum	100	125.00	18.70	Incendiary	W. H. Barnard
" 26	Friendsville	60	150.00	7.50	Incendiary	H. Sines
" 27	Nr. Bray	25	50.00	12.20	Incendiary	A. L. Sines
" 27	Nr. Barnum	85	175.00	22.30	Incendiary	D. Tichnell
Apr. 27-28	Md. Mt.	300	$300.00	$30.40	Incendiary	G. W. Broadwater
" 29	Nr. Kendall	40	100.00	7.00	Railroad	A. Chisholm
May 1	N. Wolfden Run	75	120.00	5.70	Incendiary	L. C. Bray
" 2	W. Blodm'ton	10	20.00	8.70	Incendiary	W. H. Barnard
" 4	Eagle Rock	75	112.50	22.40	Miscellaneous	T. R. Harvey
" 4	Oakland	8	8.00	3.00	Railroad	A. L. Sines
" 4	Nr. Mid. Fork	150	75.00	16.30	Unknown	F. W. Green
" 5	E. Bittinger	600	650.00	26.90	Unknown	C. H. Wiley
" 6	Savage Mts.	600	3,000.00	....	Incendiary	Wm. A. Michael
" 6	Caselman River	15	10.00	4.25	Unknown	J. A. Jenkins
" 6	N.W. Oakland	30	60.00	6.30	Incendiary	S. Bowman

GARRETT COUNTY—(Continued)

Date. 1923	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
May 7	Friendsville	85	231.25	8.25	Incendiary	H. Sines
" 7	Savage Riv. Rd.	3	15.00	....	Incendiary	Wm. A. Michael
" 7	Oakland	100	300.00	6.00	Brush Burning	A. L. Sines
" 7	Oakland	30	100.00	20.00	Brush Burning	S. Bowman
" 7	Dry Run	50	100.00	4.90	Unknown	F. W. Green
" 7	Cranesville Rd.	12	10.00	2.30	Incendiary	Jonas Sines
" 11	Blue Sum. Run	250	225.00	56.35	Campers	G. W. Broadwater
" 19	Elder Hall	150	300.00	23.00	Brush Burning	A. L. Sines
" 19	Friendsville	60	60.00	6.00	Brush Burning	A. L. Sines
" 23	Nr. Hoyes Run	200	500.00	19.80	Incendiary	S. G. Savage
" 25	Friendsville	50	75.00	11.00	Unknown	H. Sines
" 25	Sang Run	½	.75	5.50	Unknown	H. Sines
" 26	N. Oakland	10x21†	.....	....	Incendiary	A. L. Sines
" 26	Meadow Mt.	1,500	1,660.00	163.05	Incendiary	J. A. Jenkins
" 28	Sang Run	75	100.00	9.05	Incendiary	H. Sines
" 28	Sang Run	25	18.75	5.00	Unknown	H. Sines
" 28	E. Cranesville	2,000	4,000.00	64.80	Incendiary	E. F. Teets
" 28	Middle Fork	300	300.00	18.00	Unknown	J. W. Herman
" 29	N.E. Bittinger	130	75.00	18.90	Incendiary	C. H. Wiley
" 30	Sang Run	75	225.00	5.00	Unknown	H. Sines
" 30	Sang Run	150	275.00	13.35	Unknown	H. Sines
" 30	Nr. Hoyes Run	15	50.00	8.75	Incendiary	S. G. Savage
" 30	Meadow Mt.	150	75.00	10.75	Brush Burning	G. W. Broadwater
May 31	Sang Run	50	62.50	15.55	Unknown	H. A. Sines
June 1	Sang Run	15	25.00	8.65	Unknown	H. A. Sines
" 2	Negro Mt.	100	300.00	18.55	Incendiary	D. Fresh
" 2	Muddy Creek	1,200	2,000.00	73.35	Incendiary	Jonas Sines
" 4	W. Bittinger	125	120.00	51.45	Unknown	C. E. Wiley
" 5	Sang Run	25	100.00	9.50	Incendiary	S. G. Savage
	Total fires, 77.	12,360	$31,634.61	$1,182.80		

* Square rods.
† Feet.

DISTRICT II.

ALLEGANY COUNTY.

Mar. 21	Cresaptown	20	$60.00	$6.50	Brush Burning	G. M. Barton
" 24	E. Warrior Mt.	1	4.00	2.40	Unknown	E. Twig
" 25	E. Warrior Mt.	100	350.00	17.10	Unknown	E. Twig
" 31	Cranberry	20	200.00	10.20	Railroad	G. M. Barton
Apr. 1	Dans Mt.	30	60.00	11.65	Unknown	G. M. Barton
" 2	Dans Mt.	40	120.00	13.75	Campers	G. M. Barton
" 2	Pine Hills	10	40.00	....	Brush Burning	E. Twig
" 2	Piney Mt.	75	100.00	....	Miscellaneous	J. J. Helmstetter
" 4	Piney Mt.	75	150.00	....	Campers	J. J. Helmstetter
" 4	Nr. Cumb.-Wm. Rd.	3	4.50	....	Unknown	J. J. Helmstetter
" 7	E. Warrior Mt.	200	800.00	43.05	Miscellaneous	E. Twig
" 8	Ragged Mts.	100	210.00	21.65	Unknown	F. B. Davis
" 8	Nr. High Rock	3½	12.50	15.60	Incendiary	Brook Bodkin
" 10	Gramlick Rdg.	20	25.00	3.00	Brush Burning	J. J. Helmstetter

ALLEGANY COUNTY—(Continued)

Date. 1923	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Apr. 11	S.E.Spring Gap	25	25.00	2.50	Railroad	C. Sheetz
" 12	E. Warrior Mt.	500	2,000.00	11.35	Unknown	E. Twig
" 12	Nr. High Rock	3	3.50	5.50	Incendiary	Brook Bodkin
" 17	E.S.Warrior Mt.	2	.....	....	Brush Burning	E. Twig
" 19	Haystack Mt.	510	8,000.00	89.85	Brush Burning	G. M. Barton
" 19	Aband. Orchard	6,000	5,800.00	151.80	Brush Burning	F. B. Davis
" 19	Haystack Mt.	100	180.00	32.30	Brush Burning	Thomas Burkey
" 20	Wills Mt.	80	190.00	13.80	Incendiary	Thomas Burkey
" 21	E. Warrior Mt.	160	980.00	17.45	Unknown	E. Twig
" 21	Wills Mt.	20	100.00	....	Railroad	Thomas Burkey
" 21	Wills Mt.	40	200.00	11.00	Railroad	Thomas Burkey
" 21	Piney Mt.	200	450.00	53.15	Incendiary	Thomas Burkey
" 21	Piney Mt.	45	90.00	19.75	Unknown	A. J. Bridge
" 22	Pine Lick	200	250.00	27.65	Brush Burning	F. B. Davis
" 22	Piney Mt.	125	250.00	16.20	Incendiary	J. J. Helmstetter
" 22	Little Orleans	100	100.00	18.60	Unknown	E. C. McCusker
" 22	Stoney Run	300	175.00	29.25	Incendiary	L. C. Lambert
" 22	Carlos	25	25.00	21.70	Railroad	J. A. James
" 22	Nr. Frostburg	15	37.50	13.50	Unknown	J. A. James
" 23	Pine Mills	400	2,000.00	13.70	Unknown	E. Twig
" 23	Rawlings	50	150.00	23.45	Unknown	F. M. Hatson
" 24	Georges Creek	15	15.00	2.95	Railroad	A. J. Bridge
Apr. 25	Georges Creek	15	7.50	2.50	Railroad	A. J. Bridge
" 26	Martins Mt.	50	75.00	28.40	Unknown	J. J. Helmstetter
" 27	Nr. Little Orleans	20	200.00	10.60	Smokers	E. C. McCusker
" 27	15-Mi. Creek	300	300.00	31.65	Unknown	F. B. Davis
May 2	Carlos	15	75.00	10.00	Unknown	J. A. James
" 2	E.S.Warrior Mt.	20	60.00	13.00	Incendiary	C. Sheetz
" 2	Martins Mt.	10	10.20	1.50	Incendiary	C. Sheetz
" 4	Nicholas Mt.	500	2,900.00	81.45	Railroad	B. A. Wentling
" 5	.....	2	2.00	14.45	Campers	F. B. Davis
" 6	E. Sideling Hill	30	50.00	6.30	Brush Burning	C. A. Fletcher
" 10	Allegany Grove	4	2.00	2.00	Railroad	J. J. Helmstetter
" 13	Martins Mt.	4	4.00	8.70	Campers	W. L. Gross
" 14	Nicholas Mt.	35	105.00	24.75	Brush Burning	B. A. Wentling
" 14	Wolf Mills	45	45.00	14.10	Smokers	W. L. Gross
" 27	Wills Mt.	100	150.00	24.50	Railroad	Thomas Burkey
	Total fires 51.	10,762	$27,142.70	$984.35		

DISTRICT III.

FREDERICK COUNTY.

Apr. 11	Petersville	20	$10.00	$4.15	Brush Burning	M. S. Coulter
" 11	Thurmont	...	.....	1.50	False Alarm	J. L. Recker
" 22	Foxville	3	15.00	10.00	Incendiary	G. A. Willard
" 22	W. Deerfield	...	.....	1.00	Incendiary	S. P. Bussard
" 22	Nr. Fishing Cr.	50	125.00	3.00	Campers	S. Moss
" 24-28	Yellow Sp. to Fishing Cr.	6,000	11,500.00	514.38	Unknown	S. Moss

FREDERICK COUNTY—(Continued)

Date. 1923	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Apr. 25	W. Wolfsville	75	608.00	18.70	Incendiary	A. J. Easterday
" 26	N.W.Wolfsville	200	1,650.00	50.25	Incendiary	A. J. Easterday
" 26	South Mt.	1,500	3,000.00	105.55	Unknown	J. C. Castle
" 27	E. Wolfsville	200	1,400.00	46.95	Unknown	A. J. Easterday
May 1	Thurmont	...	.....	1.50	False Alarm	J. L. Decker
" 2	Fishing Creek	20	75.00	14.50	Incendiary	L. T. Lewis
" 5	Philips Delight	3	6.00	10.50	Incendiary	G. A. Willard
" 5	Little Hunting Creek	150	450.00	35.10	Incendiary	G. A. Willard
" 5	Nr. Wabana	100	200.00	28.95	Brush Burning	A. M. Thomas
" 5	Hauvers	1	15.00	3.50	Incendiary	S. Moss
" 7	Petersville	50	100.00	5.50	Brush Burning	M. S. Coulter
" 7	Nr. Five Fork	175	575.00	77.65	Miscellaneous	L. T. Lewis
" 7	Bridge 97 W.M. R. R.	2	2.00	6.00	Railroad	J. L. Recker
" 6-8	N.W. Pleasant	325	1,437.00	78.80	Smokers	A. J. Easterday
June 3-4	Thurmont	200	600.00	102.80	Unknown	C. C. Klein
	Total fires 21.	9,074	$21,568.00	$1,120.28		

WASHINGTON COUNTY.

Mar. 31	S.W. B. Rock	100	$500.00	$33.60	Incendiary	C. H. Faulder
Apr. 7	Gapland	150	300.00	12.70	Unknown	M. S. Coulter
" 11	Edgemont	250	500.00	41.95	Incendiary	C. C. Klein
" 12	Rising Valley	200	400.00	17.30	Incendiary	J. J. Eichelberger
" 12	Edgemont	100	300.00	11.00	Incendiary	C. C. Klein
" 22	S. Smithsburg	75	750.00	8.10	Smokers	A. J. Easterday
" 23	Smithsburg	75	1,000.00	20.95	Unknown	J. B. Glenn
" 23	Nr. Smithsburg	6	60.00	3.50	Unknown	J. B. Glenn
" 26	Mt. Eetna	...	.....	$5.50	Unknown	J. B. Glenn
" 27	Nr. Smithsburg	100	$500.00	27.90	Incendiary	J. B. Glenn
May 4	Nr. Black Rock	75	300.00	49.85	Unknown	C. H. Faulder
" 6	S. E. Annapolis	300	700.00	90.05	Incendiary	C. H. Faulder
" 7	Pondsville	450	1,380.00	40.85	Incendiary	C. C. Brunner
" 21	Highfield	25	75.00	6.55	Unknown	C. C. Klein
	Total fires. 14	1,906	$6,765.00	$369.80		
Frederick Co. total..	21	9,074	21,568.00	1,120.28		
Total for Dist. III..	35	10,980	$28,333.00	$1,490.08		

DISTRICT IV.

CHARLES COUNTY.

Mar. 1	Nr. Waldorf	15	$25.00	....	Railroad	J. G. Chapman
" 3	Nr. La Plata	3	30.00	....	Incendiary	J. G. Chapman
Apr. 6	Nr. La Plata	10	200.00	5.00	Unknown	J. G. Chapman
" 10	Nr. Pisgah	30	150.00	....	Unknown	J. G. Chapman
" 22	Nr. Waldorf	240	2,200.00	14.00	Smokers	J. C. Burch
" 25	N. White Plains	400	675.00	....	Railroad	J. G. Chapman
	Total fires 6.	698	$3,130.00	$19.00		

PRINCE GEORGE'S COUNTY.

Date. 1923	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Mar. 29	Nr. Sharpville	40	$67.50	$5.50	Smokers	M. L. Underwood
" 30	Nr. Tippett	100	2,000.00	2.70	Brush Burning	M. L. Underwood
Apr. 1	Near Waldorf	6	7.00	2.50	Unknown	M. L. Underwood
Apr. 2	Surratts	100	600.00	....	Brush Burning	J. B. Pyles
" 2	Jenkins Farm	70	1,160.00	2.50	Brush Burning	G. Lammers
" 3	Brandywine	4 or 5	.....	....	Brush Burning	J. B. Pyles
" 8	Atchingson	8	4.00	3.00	Unknown	G. P. Bewley
" 20	S. Bowie Sta.	2	.....	6.00	Railroad	G. Lammers
" 22	Mistletow	40	40.00	....	Railroad	G. Lammers
" 22	Lanham	65	1,025.00	9.00	Unknown	G. Lammers
" 22	By Mrs. Lesters	350	14,500.00	15.70	Miscellaneous	G. P. Bewley
" 23	Nr. Seabrook	30	40.00	10.00	Railroad	G. Lammers
" 24	Seabrook	10*	.....	4.50	Smokers	G. Lammers
" 25	Glendale	7	.....	16.00	Railroad	G. Lammers
" 26	Glendale	20	47.50	9.80	Unknown	G. Lammers
" 29	Rogers	800	12,000.00	62.00	Incendiary	G. H. Benton
	Total fires 16.	1,642	$31,491.00	$149.20		

* Square feet.

ST. MARY'S COUNTY.

Apr. 1	Nr. Chaptico	35	$350.00	....	Unknown	J. G. Chapman
May 4	St. Andrews	150	1,000.00	$36.85	Hunters	R. J. Brown
June 2	Morganza	10	20.00	3.00	Lightning	H. M. Jones
	Total fires. 3	195	$1,370.00	$39.85		
Charles Co. total..... 6		698	3,130.00	19.00		
Prince George's Co.. 16		1,642	31,491.00	149.20		
Total for Dist. IV....25		2,535	$35,991.00	$208.05		

DISTRICT V.

ANNE ARUNDEL COUNTY.

Mar. 26	Rock Pt.	500	$700.00	$22.85	Brush Burning	G. A. Lotze
" 29	Nr. Jacobsville	700	1,600.00	39.75	Logging	G. A. Lotze
Apr. 1	Elvaton	50	50.00	2.50	Unknown	G. A. Lotze
" 19	Saunders Range	8	40.00	2.50	Brush Burning	E. Fraebel
" 20	E. S. Carter Cr.	220	190.00	12.00	Brush Burning	T. W. Johnson
" 20	Magothy Shore	100	2,000.00	7.50	Brush Burning	E. G. Ruths
" 21	Near City Line	40	250.00	7.90	Unknown	T. W. Johnson
" 22	Nr. Gambrills	350	1,850.00	....	Incendiary	G. Maynard
" 22	Bet. Benfield and Pasadena	500	2,480.00	21.75	Smokers	W. G. Gardner
" 22	Eagle Hill	1,000	5,000.00	15.10	Unknown	E. G. Ruths
" 23	Nr. Eagle Hill	70	200.00	7.45	Brush Burning	G. A. Lotze
" 24	Bet. Robinson & E. Hill Sta.	400	4,012.00	36.10	Brush Burning	J. S. Stewart
" 26	E. Co. Rd. to Baltimore	150	1,025.00	4.50	Unknown	T. W. Johnson

ANNE ARUNDEL COUNTY—(Continued)

Date. 1923	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Apr. 27	Saunders Range	6	12.00	7.70	Incendiary	E. Fraebel
May 4	Marley Neck	50	115.00	6.50	Unknown	T. W. Johnson
" 7	Marley Neck	77	400.00	9.30	Incendiary	T. W. Johnson
" 20	Green Haven	300	500.00	30.50	Brush Burning	E. G. Ruths
" 21	Mt. Carmel	560	3,970.00	37.80	Unknown	R. D. Giddings
	Total fires 18.	5,081	$24,394.00	$271.70		

BALTIMORE COUNTY.

Mar. 4	Hilton Ave.	10	$50.00	$4.50	Smokers	E. G. Prince
" 21	Boring	2	5.00	....	Brush Burning	Boring Gill
Apr. 1	Oella Ave.	3	8.00	10.50	Campers	J. W. Peddicord
" 2	Nr. Orange Gr.	2	.....	....	Railroad	E. G. Prince
" 2	Milton Ave.	1	5.00	1.50	Campers	E. G. Prince
" 3	Boring	25	25.00	....	Unknown	Boring Gill
" 4	E. Glyndon	3	7.50	....	Brush Burning	W. Harris
" 12	Nr. Bradshaw	17	59.25	1.50	Brush Burning	R. K. Johnson
" 20	Monkton	80	100.00	13.25	Smokers	J. R. Pearce
" 21	W. Chester Av.	30x40*	.....	1.50	Brush Burning	J. W. Peddicord
" 22	Ilchester	70	700.00	16.65	Campers	E. G. Prince
" 22	Schamb'ger vic.	1,500	3,020.00	8.00	Brush Burning	J. H. Pearce
" 27	Chats Ave.	2	5.00	3.50	Incendiary	W. Harris
	Total fires 13.	1,715	$3,984.75	$60.90		

* Feet.

CECIL COUNTY.

Apr. 18	E. North East	25	$30.00	$1.50	Railroad	G. Pushell
" 20	Nr. Bacon Hill	80	400.00	....	Railroad	J. A. Hartenstine
" 21	Nr. Principio	150	450.00	....	Railroad	J. A. Hartenstine
" 21	Nr. Bacon Hill	500	1,000.00	....	Railroad	C. Pushell
" 24	Nr. Belvedere	150	500.00	....	Railroad	J. A. Hartenstine
" 25	Nr. North East	6,000	32,500.00	68.85	Railroad	L. Balderston
	Total fires 6.	6,905	$34,880.00	$70.35		

HARFORD COUNTY.

Apr. 5	Belair Rd. nr. Lynch's Cor.	1½	$40.00	$1.50	Brush Burning	R. K. Johnson
" 12	Nr. Joppa	2	1.00	....	Brush Burning	R. K. Johnson
" 12	Nr. Joppa	25	304.00	1.50	Railroad	R. K. Johnson
" 16	Phila Rd. nr. Joppa	3	.....	....	Brush Burning	R. K. Johnson
" 20	5 Mi. Dublin	1,200	6,000.00	48.45	Miscellaneous	J. C. Hill
" 21	5 Mi. Dublin	40	700.00	9.10	Smokers	J. C. Hill
" 24	N.E. Dublin	20	200.00	....	Smokers	J. C. Hill
May 7	Nr. Shipley's	⅛	.....	7.00	Smokers	R. K. Johnson
" 24	Joppa & Magnolia	1,227	30,135.00	51.55	Railroad	R. K. Johnson
	Total fires 9.	2,518	$37,380.00	$119.10		

HOWARD COUNTY.

Date. 1923	Location.	Acres Burned.	Damage.	Expense.	Cause.	Warden.
Apr. 23	Nr. Ellicott Cy.	6	$41.00	3.50	Brush Burning	J. W. Peddicord

MONTGOMERY COUNTY.

Apr. 9	S. Great Falls	200	$900.00	$18.10	Unknown	W. A. Brooks
Total A. A. Co.....18		5,081	24,394.00	271.70		
Total Balto. Co.....13		1,715	3,984.75	60.90		
Total Cecil Co..... 6		3,905	34,880.00	70.35		
Total Harford Co.... 9		2,518	37,380.00	119.10		
Total Howard Co..... 1		6	41.00	3.50		
Total Montgomery Co. 1		200	900.00	18.10		
Total District V.....51		13,625	$102,579.75	$560.30		

DISTRICT VI.

WICOMICO COUNTY.

May 4	E. Salisbury	200	$1,000.00	$16.65	Unknown	J. W. Jones

WORCESTER COUNTY.

Apr. 26	Nr. Whiton	20	$25.00	$4.00	Unknown	A. Perdue
June 20	Nr. Piney Gr.	14	120.00	16.50	Unknown	E. W. Perdue
	Total fires 2.	34	$145.00	$20.50		
Total Wicomico Co... 1		200	$1,000.00	$16.65		
Total Worcester Co.. 2		34	145.00	20.50		
Total District VI.... 3		234	$1,145.00	$47.15		